MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ACID “pH DOWN” ADJUSTMENT
PRODUCT FORMULATION: Acid Based Cleaner
PRODUCT CODE: 140

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15.0-25.0</td>
<td>5ppm C</td>
<td>5ppm C</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Poly (Oxyethylene) Nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
N/A = Not Applicable
N/D = Not Determined
N/E = Not Established
Y = Yes
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
pH: 1.0
Vapor Density (AIR = 1): N/D
Solubility in Water: Soluble
Specific Gravity (water = 1): 1.10
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <1.00
Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear light green liquid; characteristic acidic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective
gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. May produce toxic fumes when heated.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline material, metals and metal salts.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemicals. Do not spray to create mists.
Do not heat to create vapors.
Hazardous Decomposition Products: Thermal decomposition may produce CO, CO2, HCl and Cl2.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ACID “pH DOWN” ADJUSTMENT

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes**: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- **Skin**: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- **Ingestion**: Severe burns to mucous membranes, destruction of tissue, DANGER - May be fatal if swallowed.
- **Inhalation**: Severe irritation to upper respiratory tract, pulmonary edema, laryngeal spasms.

First Aid Procedures:
- **Eyes**: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
- **Skin**: Remove contaminated clothing. Flush with plenty of cool water for at least 15 minutes and cover exposed area with acid neutralizing solution or moist baking soda. Obtain medical attention.
- **Ingestion**: Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
- **Inhalation**: Remove person to fresh air. If breathing stops, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with a neutralizing solution.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended Mechanical - Recommended

Protective Gloves: Acid resistant

Eye Protection: Safety goggles and/or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Corrosive material. Store in a cool, dry place away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Never add water to this product, always add this product to water, slowly stirring. Keep container tightly closed when not in use. Wash before eating, drinking or smoking.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Hydrochloric Acid).

DOT CLASS: 8 DOT ID NUMBER: UN1760 DOT PACKING GROUP: III

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion:</td>
<td>Overexposure:</td>
</tr>
<tr>
<td>Severe irritation, tissue, pulmonary tract, laryngeal irritation,</td>
<td>Severe irritation, tissue, eye irritation,</td>
</tr>
</tbody>
</table>
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: ACTIVATED NEEDLES  
PRODUCT CODE: 1500  

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s))  
Sodium Hydroxide (Caustic Soda)  
CAS#: 1310-73-2  
OSHA PEL: 2mg/m3  
ACHIH TLV: N/A

This chemical may contain chemical(s) which are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). Because of this you may be required to submit this MSDS to state and local emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility.

SECTION III. PHYSICAL DATA

Boiling Point: 760mm/hg-139°C  
Vapor Pressure (mm Hg): N/A  
Vapor Density (AIR = 1): N/A  
Solubility in Water: 347g/100g water  
Specific Gravity (H2O = 1): 2.130  
Melting Point: N/A  
Evaporation Rate: N/A  
Appearance/Odor: White colored solid, no odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): None  
Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: None  
Unusual Fire and explosion Hazards: Contact with some metals such as magnesium, aluminum and galvanized zinc) can rapidly generate hydrogen which is explosive.

SECTION V. REACTIVITY DATA

Stability: Stable  
Incompatibility (Material to avoid): Organic materials and concentrated acids may cause violent reactions. Contact with magnesium, aluminum, galvanized zinc, tin, chromium, brass and bronze generates explosive hydrogen. Reactions with various food sugars may form carbon monoxide.  
Hazardous Decomposition: Carbon Monoxide  
Hazardous Polymerization: Will Not Occur  
Conditions to Avoid: None
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes  Skin: Yes  Ingestion: Yes

Health Hazards (Acute and Chronic):
- **Eyes and Skin:** Severe burns to eyes and skin. Permanent damage and/or loss of vision. Corrosive action causes burns and frequently, deep ulceration with subsequent scarring. Prolonged contact destroys tissue.
- **Ingestion:** Damage to the mucous membranes or other tissues with which contact is made, and may be fatal.
- **Inhalation:** Inhalation of dusts or mists can cause damage to upper respiratory tract and to the lung tissue. Effects can range from mild irritation of mucous membranes, severe pneumonitis and destruction of lung tissue. Chronic effects have not been determined.

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: None known

Emergency/First Aid Procedures:
- **Eyes:** Immediately flush eyes and skin with plenty of water, (soap and water for skin), for at least 15 minutes. Hold eye lids open during this flushing with water. Call a physician immediately. Rinse until no longer slippery. Remove contaminated discard.
- **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical help.
- **Ingestion:** Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. If conscious, give at least 3-4 glasses of water or acidic beverages (tomato or orange juice, carbonated soft drinks). Get medical attention.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Only trained personnel with NIOSH/MSHA approved. dust/mist respirators should be permitted in area. For dry material use appropriate methods, shovels, brooms, etc. Use protection, if needed. Place in steel container. If wet, contain spill. Dilute with large amounts of water then neutralize with dilute acid acid to ph of 6 to 9. This may be disposed of in waste water treatment facilities which allow the discharge of neutral salt solutions.

Waste Disposal: Dispose in an approved hazardous waste management facility or by neutralizing and disposing of according to Local, State and Federal regulations.

Handling/Storage: Keep container closed when not in use. Store in cool, dry place. When making solutions, add slowly to cold water while stirring. Do not add to warm or hot water - a violent eruption can result.

Other Precautions: Keep out of the reach of children. Do not eat, drink or smoke in work area.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use a NIOSH approved dust/mist respirator for all routine activities when exposure to dust/mist exceed the permissible exposure limits. Exposure limits: 8 hr time weighted average (TWA); 15 minute short term exposure limit (STEL); OSHA 2mg/cu.m ceiling.

Ventilation: Use local exhaust sufficient to maintain dust levels below permissible exposure limits.

Other Protective Equipment: Eye wash station should be accessible. Rubber aprons and rubber boots.

Work Hygienic Practices: Wash hands after use. Never touch eyes, face or skin with contaminated gear.
Dilute with large amounts of water then neutralize with dilute acid to pH of 6 to 9. This may be disposed of in waste water treatment.

Ingestion:
- Give oxygen. Get medical help.

Inhalation:
- Remove to fresh air. If not breathing, give artificial respiration. If breathing has stopped, use a resuscitation bag.

Eyes:
- With a few drops of saline solution. Do not rub and contact emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other

Skin:
- Wash off with soap and water. Wash eyes, face, and hands thoroughly with soap and water. Do not allow person contaminated with this material to eat, drink, or smoke in area.

Ingestion:
- If ingestion is minimal, wash out of mouth with water, then induce vomiting. Do not induce vomiting if person is unconscious, having convulsions, or is otherwise unable to protect airway.

Inhalation:
- If exposure is minimal, get person to fresh air. If not breathing, give artificial respiration. If breathing has stopped, use a resuscitation bag. If exposed to the vapor, get person to fresh air.

Emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other

Decomposition:
- None

Physical:
- Physical state: Solid
- Melting point: N/A
- Boiling point: N/A
- Density: N/A
- Water solubility: N/A
- Miscible with: Water
- Flammable: No
- Flammable limits: N/A
- Flash point: N/A
- Explosive: No
- Reactivity: N/A
- Stability: Stable

Extinguishing:
- Use water. Do not use water when other combustible material is present.

Solvents:
- Petroleum, alcohol, acetone, chloroform, hexane, benzene, ethyl ether.

Health Precautions:
- Wear protective clothing. Use equipment such as respirators, gloves, and protective eyewear. If released, avoid breathing vapor. Avoid contact with skin and eyes. For all spills, follow safe handling practices for the material.

Sensitization:
- None

Fire and Explosion Hazards:
- Small amounts of this material do not pose a fire hazard.

Handling and Storage Precautions:
- Keep container tightly closed and away from heat,火花，open flame, and other sources of ignition. Use only with adequate ventilation. Do not use near flames, other heat, or sparks.

Toxicological Properties:
- Ingestion:
  - Inhalation:
  - Eyes:
  - Skin:

Toxicity:
- No known toxicological effects from exposure to this material. However, the material may be harmful if inhaled, ingested, or absorbed through the skin. Use proper protective equipment when handling this material.

Acute and Chronic Effects:
- Acute:
- Chronic:

Other Information:
- This chemical may contain chemical(s) which are subject to the requirements of Section 313 of the Emergency Planning and
MATERIAL SAFETY DATA SHEET PAGE 1 OF 2 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: AIR-O-FRESH
PRODUCT DESCRIPTION: Odor Control
PRODUCT CODE: 510

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name(s)) OSHA PEL ACHIH TLV OTHER LIMITS PERCENT

Contains no hazardous components as listed in 29 cfr 1910.1000 or other pertinent section of OSHA regulation

SECTION III. PHYSICAL DATA

Boiling Point: 212 Degrees F Vapor Pressure (mm Hg): As water
Vapor Density (AIR = 1): 1 Solubility in Water: COMPLETE
Appearance/Odor: Yellow color, clear liquid, lemon odor Specific Gravity (H2O = 1): 1.04
Melting Point: As water Evaporation Rate: As water

SECTION IV. FIRE AND EXPLOSIVE DATA

Flammable Limits: N/A
Extinguishing Media: Water, foam, CO2, dry chemical
Special Fire Fighting Procedure: None
Unusual Fire and Explosive Hazards: N/A

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Keep from freezing
Incompatibility (Material to avoid): Acids, oxidizers
Hazardous Decomposition: None
Hazardous Polymerization: Will Not Occur

SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: No Skin: No Ingestion: Yes

Health Hazards (Acute and Chronic): Eye and skin irritation. No known chronic effect

Carcinogenicity: NTP: No ARC Monographs: No OSHA Regulated: No
Sign and Symptoms of Exposure: Irritation and redness
Medical Conditions Generally Aggravated by Exposure: None

Emergency/First Aid Procedures:
Eyes: Flush with water for 15 minutes
Ingestion: Get medical attention, if needed
Skin: Wash well with soap and water
Inhalation: Remove to fresh air
SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Soak up with absorbent. Flush away with water
Waste Disposal: Follow local, state and federal regulations
Handling/Storage: Keep container closed when not in use. Store in cool, dry place
Other Precautions: Keep out of the reach of children

SECTION VIII. CONTROL MEASURES

No respiratory protection normally required. Wear rubber gloves. Wear goggles for eye protection. Eye wash station and safety shower should be accessible. Follow normal hygiene practices. For industrial use only. Keep out of the reach of children.
Waste Spill

MATERIAL

Emergency/First Medical

Sign

Health Conditions

Stability:

Special Vapor Boiling

Contains

PRODUCT

PRODUCT

EMERGENCY TELEPHONE:  800-255-3924

GENERAL INFORMATION TELEPHONE:  602-230-0012

MATERIAL

CONFIDENTIAL

CONFIDENTIAL

NAME:

PROPERTY

PROPERTY

PIONEER RESEARCH CORPORATION

PHOENIX, AZ.

PHOENIX, AZ.

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85016

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ALUMINUM CLEANER AND BRIGHTENER
PRODUCT DESCRIPTION: Inorganic Acid Cleaner
PRODUCT CODE: 103

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
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</thead>
<tbody>
<tr>
<td>Sulfuric Acid</td>
<td>7664-93-9</td>
<td>10.0-20.0</td>
<td>1mg/m3</td>
<td>1mg/m3</td>
<td>Y</td>
</tr>
<tr>
<td>Hydrofluoric Acid</td>
<td>7664-39-3</td>
<td>5.0-10.0</td>
<td>3ppm</td>
<td>3ppm C</td>
<td>Y</td>
</tr>
<tr>
<td>Quatramery Ammonium Compounds</td>
<td>68187-69-9</td>
<td>&lt;5.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 1.00
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.139  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <5.0  Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear, slight yellow liquid; characteristic acid odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.
Special Fire Fight Procedures: Cool fire exposed containers with water spray. Firefighters must use full protective gear including self contained breathing apparatus. Run-off from fire control may cause pollution. Neutralize run-off with lime, soda ash, etc.
Unusual Fire and Explosion Hazards: Acid may react with metals to create explosive hydrogen accumulations. Fire may produce toxic fumes. Product generates heat upon addition of water with possible spattering.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline materials, metal salts, oxidizing materials and organic materials.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemical.
Hazardous Decomposition Products: Thermal decomposition may produce a wide variety of toxic gases and vapors.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes:** DANGER. Corrosive-severe irritation, burns, destruction of tissue, blindness.
- **Skin:** DANGER. Corrosive-severe irritation, deep ulcerations that may not be immediately painful or evident. Hydrofluoric acid will penetrate the skin and attack underlying tissues and bone. Large burns may also cause hypocalcemia and other toxic effects which may be fatal.
- **Ingestion:** MAY BE HARMFUL OR FATAL IF SWALLOWED. Severe burns, destruction of tissue. Small amounts or dilute solutions fatal. Hypocalcemia and systemic toxicity is likely to occur unless medical treatment is immediately obtained.
- **Inhalation:** Short term exposure causes nose, throat and respiratory irritation which may be delayed for several hours. Long term exposure causes nose and throat burns, lung inflammation, pulmonary edema and fatal hypocalcemia.

First Aid Procedures:
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
- **Skin:** Flush with plenty of cool water for at least 15 minutes while removing contaminated clothing and shoes. Pay close attention to area under nails. Obtain immediate medical attention! Follow by immersing affected skin in an ice cold solution of magnesium sulfate (Epsom Salt) or using a calcium gluconate gel.
- **Ingestion:** DO NOT INDUCE VOMITING. Give large quantities of water followed by several glasses of milk or several ounces of milk of magnesia. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
- **Inhalation:** Remove person to fresh air. Administer artificial respiration if indicated. If breathing is difficult, give oxygen. Keep person warm and quiet. Obtain medical attention immediately.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal, or flush away with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended  Mechanical - Recommended

Protective Gloves: Chemical resistant gauntlet types gloves.

Eye Protection: Safety glasses and/or face shield.

Other Protective Equipment: Protective clothing. Emergency shower and eye wash station.

Precautions for Handling and Storage: Corrosive material. Store in a cool, dry place away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Always add this product to water. Never add water to this product. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

**DOT PROPER SHIPPING NAME:** Corrosive liquids, toxic, N.O.S. (hydrofluoric acid, sulfuric acid).

**DOT CLASS:** 8, (6.1)  **DOT ID NUMBER:** UN2922  **DOT PACKING GROUP:** II

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19th Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924


SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ANTI-STATIC
PRODUCT TYPE: Aerosol
FORMULA: Proprietary
DOT HAZARD CLASS: Consumer Commodity ORM-D

SECTION II. INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>% WT</th>
<th>313/CHM</th>
<th>SKIN</th>
<th>CARCINOGEN</th>
<th>PEL</th>
<th>TWA/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic Hydrcarbon</td>
<td>64741-66-8</td>
<td>40-60</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>400ppm</td>
<td>400ppm</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>05-10</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>400ppm</td>
<td>400ppm</td>
</tr>
<tr>
<td>Liquified Petroleum Gas</td>
<td>68476-85-7</td>
<td>40-60</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>1000ppm</td>
<td>1000ppm</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Data Below Based on Aerosol Concentrate Only:
- Boiling Point: ~140° F
- pH: N/A
- Vapor Density (AIR = 1): >1
- Solubility in Water: Slight
- Specific Gravity (H2O = 1)@75°F: 0.735
- Appearance/Odor: Clear Liquid, Solvent Odor

Data Below Based on Total Contents:
- Vapor Pressure of can(psig @75° F): 50
- Total VOC %: ~95%

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (of Concentrate Only): 30°F
- Flammability: (as per USA Flam Projection Test): Extremely Flammable Spray
- Extinguishing Media: Foam, CO2, Dry Media
- Special Fire Fight Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
- Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V. REACTIVITY DATA

- Stability: Material Stable
- Incompatibility (Specific Materials to Avoid): Avoid contact with strong oxidizing agents.
- Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

SECTION VI. HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.
Precautions for Handling and Storage: Store in a cool, dry area from heat or open flame. Do not store at temperatures above 120°F.
NFPA Code 30B Rating: Level 3 Aerosol
SECTION VII. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry and Effects of Overexposure:
   Eyes: May cause slight irritation, but does not injure eye tissue.
   Skin: Frequent or prolonged contact may cause irritation.
   Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
   Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

First Aid Procedures:
   Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.
   Skin: Wash with soap and water. If irritation persists, seek medical attention.
   Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.
   Ingestion: DO NOT induce vomiting. Seek medical attention immediately.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Allow propellant and solvent to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and swept up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and Local laws.
Waste Disposal Method: Aerosol cans when emptied and depressurized through normal use pose no disposal hazard and should be recycled. Consult Federal, State and Local authorities for approved procedures.

N/A=Not Applicable  N/E=Not Established  N/D=Not Determined  <=Less Than  >=More Than

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012  EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BANISH  PRODUCT FORMULATION: Water-Based Herbicide  PRODUCT CODE: 318

NFPA HAZARD IDENTIFICATION SYSTEM:
- HEALTH: 0
- FLAMMABILITY: 1
- REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithium Salt of Bromacil</td>
<td>314-40-9</td>
<td>1.20</td>
<td>N/E</td>
<td>10mg/m3, TVA</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: N/D
- Vapor Density (AIR = 1): N/D
- Solubility in Water: Soluble
- Specific Gravity (water = 1): 1.00
- Vapor Pressure (mm Hg): N/D
- VOC Content (% by weight): <1.0
- Evaporation Rate (water = 1): N/D
- Appearance/Odor: Clear amber liquid; mild odor

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (°F): >200
- TEST METHOD: Closed Cup
- Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
- Extinguishing Media: Water, foam, carbon dioxide, dry chemical
- Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus. Minimize amount of water used to fight fire as run-off may cause pollution.
- Unusual Fire and Explosion Hazards: If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Acids and amines, especially primary amines.
- Conditions to Avoid: None.
- Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild to moderate irritation and redness.
- Skin: Redness, dryness and irritation with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, weakness, nausea, cramps, vomiting.
- Inhalation: Irritation to upper respiratory tract.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Remove contaminated clothing and launder before re-use. Flush with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person one to two glasses of water and induce vomiting if instructed by a physician or poison control center. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. Administer artificial respiration, if breathing has stopped. If breathing difficult, administer oxygen.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Not required.

Protective Gloves: Chemical resistant.

Eye Protection: Chemical goggles or face shield.

Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS BARREN
PRODUCT FORMULATION: Solvent Based Non-Selective
PRODUCT CODE: 320

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insufficient 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2  FLAMMABILITY: 2  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocetyl Ester of 2,4-Dichlorophenxyacetic acid</td>
<td>1928-43-4</td>
<td>1.09</td>
<td>10mg/m3</td>
<td>N/E</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Bromacil</td>
<td>314-40-9</td>
<td>0.98</td>
<td>N/E</td>
<td>10mg/m3</td>
<td>N N Y</td>
</tr>
<tr>
<td>Aliphatic Hydrocarbons</td>
<td>68476-31-3</td>
<td>80.0-90.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>10.0-20.0</td>
<td>25ppm(skin)</td>
<td>25ppm(skin)</td>
<td>Y N Y</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: N/A
Vapor Density (AIR = 1): N/D  Solubility in Water: Insoluble
Specific Gravity (water = 1): 0.875  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): >1.0
Appearance/Odor: Reddish brown liquid; fuel oil odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 145 (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Minimize amount of water used to fight fire as run-off may cause pollution.
Unusual Fire and Explosion Hazards: Solvent vapors may cause flashback.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizers.
Conditions to Avoid: Excess heat and open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: TOTAL SOLUTIONS BARREN

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Severe irritation, redness, tearing and blurred vision.
- Skin: Redness, dryness and irritation with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: Irritation to upper respiratory tract, weakness, headache, nausea, or unconsciousness.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Remove and launder all affected clothing. Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting.
- Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended exposure limits are exceeded wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety goggles or face shield.

Other Protective Equipment: Eyewash station, protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Do not contaminate water, foodstuffs or feed by storage or disposal.

Keep out of reach of children.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ. 85012 PH (602) 230-0012 FAX (602) 230-7444
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BIO-ACTION
PRODUCT DESCRIPTION: Liquid Enzyme/Bacterial Solution
PRODUCT CODE: 528

NFPA HAZARD IDENTIFICATION SYSTEM:
0 = Insensitive  1 = Slight  2 = Moderate  3 = High  4 = Extreme

HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 6.5-7.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.03  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 38.2  Evaporation Rate (water = 1): N/D
Appearance/Odor: Thickened, green liquid; citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Mild irritation and redness. 
Skin: Irritation, defatting of skin with prolonged exposure. Bacterial infection may occur through open wounds or broken skin. 
Ingestion: Nausea, vomiting, diarrhea. 
Inhalation: None known under normal use.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. 
Skin: Wash with water. In case of contact with open wounds or broken skin wash affected area with soap and water and apply a topical antiseptic agent. 
Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person. 
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or recover for reuse. Rinse remaining residue with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BIO-FLOW
PRODUCT DESCRIPTION: Liquid Bacterial Solution
PRODUCT CODE: 543

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
PEL = Permissible Exposure Limit
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C = Ceiling Level
STEL = Short Term Exposure Limit
N/A = Not Applicable
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 1.00
VOC Content (% by weight): N/D
Appearance/Odor: Hazy, light green liquid; pleasant fragrance

PH: 6.20-6.50
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None
(TEST METHOD): Closed cup

Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical

Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable

Incompatibility (Specific Materials to Avoid): None

Conditions to Avoid: None

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

Hazardous Polymerization: Will Not Occur.

Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: ☑ Skin: ☑ Ingestion: ☑

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Irritation, defatting of skin with prolonged exposure. Bacterial infection may occur through open wounds or broken skin.
- Ingestion: Nausea, vomiting, diarrhea. Aspiration of this product may occur.
- Inhalation: None known under normal use.

First Aid Procedures:
- Eyes: Flush and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with water. In case of contact with open wounds or broken skin wash affected area with soap and water and apply a topical antiseptic agent.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or recover for reuse. Rinse remaining residue with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: Chemical resistant
Eye Protection: Safety glasses
Other Protective Equipment: None
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging,

---

Eye Protective respirator

---

Spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

---

Steps

---

Effects

---

Hazardous Conditions

---

Incompatibility

---

Special

---

Extinguishing

---

Flash

---

Point:

---

Vapor Pressure (mm Hg):

---

Evaporation Rate (water = 1):

---

Appearance/Odor:

---

VOC

---

Vapor

---

372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

---

355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)

---

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

---

PEL = Permissible Exposure Limit

---

N/D = Not Applicable

---

N/A = Not Applicable

---

N/D = Not Determined

---

N/E = Not Established

---

Y = Yes

---

N = No

---

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

---

355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)

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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

---

SECTION III. PHYSICAL DATA

---

Boiling Point: N/D

---

pH: N/D

---

Vapor Density (AIR = 1): N/D

---

Solubility in Water: Complete

---

Specific Gravity (water = 1): N/D

---

Vapor Pressure (mm Hg): N/D

---

VOC Content (% by weight): N/D

---

Evaporation Rate (water = 1): N/D

---

Appearance/Odor: Pink solid in plastic netting; pleasant fragrance.

---

SECTION IV. FIRE AND EXPLOSION DATA

---

Flash Point (F): N/A

---

(TEST METHOD): N/A

---

Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A

---

Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical

---

Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.

---

Unusual Fire and Explosion Hazards: None

---

SECTION V. REACTIVITY DATA

---

Stability: Stable

---

Incompatibility (Specific Materials to Avoid): None

---

Conditions to Avoid: Excess heat and open flame.

---

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

---

Hazardous Polymerization: Will Not Occur.

---

Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: May irritate eyes.
- Skin: May irritate skin.
- Ingestion: Excessive ingestion may cause nausea or diarrhea.
- Inhalation: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended exposure limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: Chemical resistant

Eye Protection: Safety glasses

Other Protective Equipment: None

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET

MANUFACTURER:  Pioneer Research    3110 N. 19TH Avenue, Suite 200    Phoenix, Arizona 85015

GENERAL INFORMATION PHONE:  602-230-0012
EMERGENCY TELEPHONE:  800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BIO-FLOW ULTRA
PRODUCT DESCRIPTION: Liquid Bacterial/Enzyme Solution
PRODUCT CODE: 543

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insensitive 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
P = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point:  >212
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1):  1.00
VOC Content (% by weight): N/D
Appearance/Odor:  Hazy, light green liquid; pleasant fragrance
pH:  5-50-6.50
Solubility in Water: Soluble
Vapor Pressure (mm Hg): <1.0
Evaporation Rate (water = 1): ~1.0

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F):  None (TEST METHOD): Closed cup
Flammability Limits in Air (Volume %):  Upper: N/A Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures:  Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards:  None

SECTION V. REACTIVITY DATA

Stability:  Stable
Incompatibility (Specific Materials to Avoid):  None
Conditions to Avoid:  None
Hazardous Decomposition Products:  Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization:  Will Not Occur.
Conditions to Avoid:  None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Irritation, defatting of skin with prolonged exposure. Bacterial infection may occur through open wounds or broken skin.
- Ingestion: Nausea, vomiting, diarrhea. Aspiration of this product may occur.
- Inhalation: None known under normal use.

First Aid Procedures:
- Eyes: Flush with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with water. In case of contact with open wounds or broken skin wash affected area with soap and water and apply a topical antiseptic agent.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or recover for reuse. Rinse remaining residue with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BIO-PAKS
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture
PRODUCT CODE: 502

NFPA HAZARD IDENTIFICATION SYSTEM:
0 = Insignificant  1 = Slight  2 = Moderate  3 = High  4 = Extreme
HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

MANUFACTURER: Pioneer Research    3110 N. 19TH Avenue, Suite 200    Phoenix, Arizona 85015
GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

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<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>TLV</td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A
pH: N/A
Vapor Density (AIR = 1): N/A
Specific Gravity (water = 1): N/A
VOC Content (% by weight): N/A
Appearance/Odor: Tan to brown powder; yeast-like odor

Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/A
Evaporation Rate (water = 1): N/A

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
(TEST METHOD): N/A
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes:** Mild to moderate irritation and redness.
- **Skin:** Prolonged or repeated exposure may cause irritation. Bacterial infection may occur through open wounds or broken skin.
- **Ingestion:** Nausea, vomiting, diarrhea.
- **Inhalation:** Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- **Skin:** Wash with water. In case of contact with open wounds or broken skin wash affected area with soap and water and apply a topical antiseptic agent.
- **Ingestion:** Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- **Inhalation:** Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: None required under normal use, otherwise, chemical resistant.

Eye Protection: None required under normal use, otherwise, chemical goggles.

Other Protective Equipment: Eyewash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None  **DOT ID NUMBER:** None  **DOT PACKING GROUP:** None

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MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

Complies with OSHA Hazard Communication Standard 29 CFR 1010.1200

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: BLACK BEAUTY
PRODUCT DESCRIPTION: Asphalt Sealer
PRODUCT CODE: 660

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity: Common Name (s))</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refined Coal Tar</td>
<td>65996-93-2</td>
<td>TWA=0.2mg/m3</td>
<td>TWA=0.2mg/m3</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 100-425°F
Vapor Pressure (mm Hg): 5.15mm @200°C
Vapor Density (AIR = 1): >1
Solubility in Water: Negligible
Specific Gravity (H2O = 1): 1.298
Melting Point: N/A
Evaporation Rate: <1
Appearance/Odor: Black, Coal Tar Odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): > 200°F
Flammable Limits: LEL: N/A  UEL: N/A
Extinguishing Media: Foam, CO2, Dry Chemical, Water Fog
Special Fire Fighting Procedures: Wear respirator and full protective gear.
Unusual Fire and explosion Hazards: Containers may rupture due to steam pressure.

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Avoid open flames.
Incompatibility (Material to avoid): Oxidizing agents such as chlorine, sodium hypochlorine.
Hazardous Decomposition: Oxides of nitrogen, carbon.
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None
SECTION VI. HEALTH HAZARD DATA

Route of Entry:  Inhalation: Yes  Skin: Yes  Ingestion: Yes

Health Hazards (Acute and Chronic):
   Skin: May cause dermatitis. Coal tar is a phototoxic substance which in the presence of sunlight will cause a skin reaction similar to sunburn.
   Eyes: Will irritate eyes. Tearing, redness and swelling may occur. Prolonged use may cause damage to eyes.
   Ingestion: Causes gastrointestinal irritation, nausea and vomiting.
   Inhalation: Spray mist can irritate respiratory tract. Prolonged exposure to airborne mist could cause respiratory difficulty.

Carcinogenicity: This product contains refined coal tar. (ARC Monographs-Volume 35 - states that there is sufficient evidence that coal tar itches are carcinogenic in humans. Additionally, there is sufficient evidence that occupational exposure to coal tars as it occurs during the destructive distillation of coal (coking) is casually associated with the occurrence of skin cancers in humans.
NOTE: Many of the original determinations as to the classification of coal tar as a carcinogen were based on HOT LIQUID products such as roofing tar. A separate determination on cold applied water based coal tar sealers has not been undertaken.

Conditions Aggravated by Exposure: Persons with a history of liver, skin or respiratory disease are at a greater than normal risk of developing health effects.

Emergency/First Aid Procedures:
   Eyes: Flush eyes immediately with plenty of water for 15 minutes.
   Skin: Flush with water to remove product. Remove any residual material with waterless hand cleaner.
   Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Give oxygen, if needed.
   Ingestion: Induce vomiting. Give water and get medical attention immediately.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Soak up with inert material. Place in waste container. Large spills - contain and remove all sources of ignition. Wear full protective gear.
Waste Disposal: Dispatch to approved waste disposal facility. Comply with all Local, State and Federal regulations.
Handling/Storage: Keep containers closed when not in use. Keep away from heat, sparks and flame.
Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respirator when the exposure limits exceed the TLV Limits.
Ventilation: Mechanical (General), if TLV is exceeded.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: BLAST
PRODUCT CODE: 1410

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s)) | CAS# | OSHA PEL | ACHIH TLV
--- | --- | --- | ---
Sodium Hydroxide (Caustic Soda) | 1310-73-2 | 2mg/m3

This chemical may contain chemical(s) which are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). Because of this you may be required to submit this MSDS to state and local emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility.

SECTION III. PHYSICAL DATA

Boiling Point: 760mm/hg-139°C
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A
Solubility in Water: 347g/100g water
Specific Gravity (H2O = 1): 2.130
Melting Point: N/A
Evaporation Rate: N/A
Appearance/Odor: White colored solid, no odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): None
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: None
Unusual Fire and explosion Hazards: Contact with some metals such as magnesium, aluminum and galvanized zinc can rapidly generate hydrogen which is explosive.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Material to avoid): Organic materials and concentrated acids may cause violent reactions. Contact with magnesium, aluminum, galvanized zinc, tin, chromium, brass and bronze generates explosive hydrogen. Reactions with various food sugars may form carbon monoxide.
Hazardous Decomposition: Carbon Monoxide
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes  Skin: Yes  Ingestion: Yes

Health Hazards (Acute and Chronic):
Eyes and Skin: Severe burns to eyes and skin. Permanent damage and/or loss of vision. Corrosive action causes burns and frequently, deep ulceration with subsequent scarring. Prolonged contact destroys tissue.
Ingestion: Damage to the mucous membranes or other tissues with which contact is made, and may be fatal.
Inhalation: Inhalation of dusts or mists can cause damage to upper respiratory tract and to the lung tissue. Effects can range from mild irritation of mucous membranes, severe pneumonitis and destruction of lung tissue. Chronic effects have not been determined.

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: None known

Emergency/First Aid Procedures:
Eyes: Immediately flush eyes and skin with plenty of water, (soap and water for skin), for at least 15 minutes. Hold eye lids open during this flushing with water. Call a physician immediately. Rinse until no longer slippery. Remove contaminated discard.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical help.
Ingestion: Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. If conscious, give at least 3-4 glasses of water or acidic beverages (tomato or orange juice, carbonated soft drinks). Get medical attention.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Only trained personnel with NIOSH/MSHA approved. dust/mist respirators should be permitted in area. For dry material use appropriate methods, shovels, brooms, etc. Use protection, if needed. Place in steel container. If wet, contain spill. Dilute with large amounts of water then neutralize with dilute acid acid to pH of 6 to 9. This may be disposed of in waste water treatment facilities which allow the discharge of neutral salt solutions.

Waste Disposal: Dispose in an approved hazardous waste management facility or by neutralizing and disposing of according to Local, State and Federal regulations.

Handling/Storage: Keep container closed when not in use. Store in cool, dry place. When making solutions, add slowly to cold water while stirring. Do not add to warm or hot water - a violent eruption can result.

Other Precautions: KEEP OUT OF THE REACH OF CHILDREN. Do not eat, drink or smoke in work area.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use a NIOSH approved dust/mist respirator for all routine activities when exposure to dust/mist exceed the permissible exposure limits. Exposure limits: 8 hr time weighted average (TWA); 15 minute short term exposure limit (STEL); OSHA 2mg/cu.m ceiling.

Ventilation: Use local exhaust sufficient to maintain dust levels below permissible exposure limits.

Other Protective Equipment: Eye wash station should be accessible. Rubber aprons and rubber boots.

Work Hygienic Practices: Wash hands after use. Never touch eyes, face or skin with contaminated gear.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research/Total Solutions  3110 N 19th Ave Suite 200  Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012
CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: BLAST OUT  HMIS HAZARD RATING
PRODUCT FORMULATION: Water based degreaser  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 414  HEALTH: 1  FLAMMABILITY: 0  PHYSICAL HAZARD 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
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355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D  Specific Gravity (Water = 1): 1.078
Vapor Pressure (mm Hg): N/D  VOC Content (% by weight): 0
Solubility in Water: Soluble  Evaporation Rate (Water = 1): N/D
Vapor Pressure (mm Hg): N/D  pH: 13.00
Appearance/Odor: Clear to slightly hazy, green liquid; mild detergent odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  Test Method: Closed Cup
Flammability Limits in Air (Volume %): LEL: N/A  UEL: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical.
Special Fire Fighting Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazard: None

SECTION V. REACTIVITY DATA

Stability: Stable  Incompatibility: Strong acids.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry
Inhalation: 
 Eye Contact: X 
 Skin Contact: X 
 Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Moderate irritation, redness, tearing.
Skin: Mild to moderate irritation, chapping and dermatitis, with prolonged or repeated exposure.
Ingestion: Nausea, cramps, diarrhea.
Inhalation: May cause irritation to upper respiratory tract.

Emergency and First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.

Ventilation Local: Recommended Mechanical: Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses and/or face shield.

Other Protective Equipment: None

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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### MATERIAL

<table>
<thead>
<tr>
<th>Conditions of Storage</th>
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</tr>
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<table>
<thead>
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### Flammability

<table>
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<table>
<thead>
<tr>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Solubility:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic acid</td>
</tr>
</tbody>
</table>

### Keys

- **N/A** = Not Applicable
- **N/E** = Not Established
- **N/D** = Not Determined
- **PEL** = Permissible Exposure Limit

### Route of Exposure

- **Inhalation:**
  - May cause nausea, vomiting, or respiratory irritation
- **Ingestion:**
  - May cause nausea, vomiting, or gastrointestinal irritation
- **Skin:**
  - May cause irritation or sensitization

### Conditions of Overexposure

- **Inhalation:**
  - Nausea, vomiting, respiratory irritation
- **Ingestion:**
  - Nausea, vomiting, gastrointestinal irritation
- **Skin:**
  - Irritation or sensitization

### Extinguishing Media

- **Class:**
  - Water

### Special Fire Fighting Procedures

- **Fire Fighting Procedures:**
  - Use water
  - Avoid breathing smoke

### Protection

- **Eye Protection:**
  - Chemical resistant protective glasses (CAN
- **Skin Protection:**
  - Protective gloves, protective clothing, face shield, respirator

### Health Effects

- **Health Effects:**
  - Immediate:
    - Nausea, vomiting, respiratory irritation
  - Delayed:
    - Irritation or sensitization

### Spill Disposal

- **Clean-up:**
  - Absorb with inert material
  - Place in a properly marked closed container

### MBAAHOS

- **MBAAHOS:**
  - None

### Exothermic Reactions

- **Exothermic Reactions:**
  - None

### Physical Data

<table>
<thead>
<tr>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH</td>
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<tr>
<td>7.0</td>
</tr>
</tbody>
</table>

### Physical Properties

- **Evaporation Rate:**
  - Skin: 0

### Transport Information

- **Transport Information:**
  - None

### Other Information

- **DOT:**
  - None
- **SARA:**
  - None
- **OSHA:**
  - None
- **DOT:**
  - None
- **SARA:**
  - None
- **OSHA:**
  - None
MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: BLUE FIRE
PRODUCT DESCRIPTION: Snow and Ice Melt
PRODUCT CODE: 2025

SECTION II. HAZARDOUS INGREDIENTS

Contains no Hazardous Components as listed in 29CFR 1910.1000 or other pertinent section of OSHA regulations.

SECTION III. PHYSICAL DATA

Boiling Point: N/A
Vapor Density (AIR = 1): N/A
Appearance/odor: Blue with white pellets
Melting Point: N/A
Vapor Pressure (mm Hg): N/A
Solubility in Water: 100%
Specific Gravity: (H2O = 1): N/A
Evaporation Rate: N/A

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: None
Flammable Limits: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosive Hazards: N/A
Extinguishing Media: N/A

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Decomposition Products: No
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Acids - do not mix with any type of chemical
SECTION VI. HEALTH HAZARD DATA

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Route of Entry: Inhalation: Yes  Skin: Yes  Ingestion: Yes  Eye: Yes

Health Hazards (Acute and Chronic):
Inhalation: Dust may irritate nose and throat
Skin: Prolonged contact may irritate skin
Ingestion: Abdominal discomfort
Eye: Dust may irritate eyes

Emergency/First Aid Procedures:
Ingestion: Give large amounts of water. Do not induce vomiting. Call physician
Inhalation: Remove to fresh air
Eyes: Flush with water for 15 minutes.
Skin: Wash with soap and water

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Sweep up bulk and discard. Rinse area with water
Waste Disposal: Follow Federal, State and Local regulations
Handling/Storage: Store in a dry location.
Other Precautions: None

SECTION VIII. CONTROL MEASURES

Ventilation: Local Exhaust
Eye Protection: Plastic Goggles. Eye Wash
Protective: Gloves Rubber
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS BUZZ SAW
PRODUCT FORMULATION: Pressurized Solvent Based  
PRODUCT CODE: 8401

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insensitive  1-Slight  2-Moderate  3-High  4-Extrem
HEALTH: 2  FLAMMABILITY: 4  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
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<tr>
<td>Tetramethrin</td>
<td>7686-12-0</td>
<td>0.200</td>
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<tr>
<td>Isoparaffinic Hydrocarbon</td>
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<td>80.0-90.0</td>
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<td>Isopropanol</td>
<td>67-63-0</td>
<td>5.0-10.0</td>
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<td>Phenothrin</td>
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<td>0.125</td>
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<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>5.0-10.0</td>
<td>5000ppm</td>
<td>5000ppm</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: N/A
Vapor Density (AIR = 1): >1  Vapor Pressure (mm Hg): 108@139°F/81@70°F
Specific Gravity (water = 1): 0.81  Solubility in Water: Slight
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): >1.0
Appearance/Odor: Clear, colorless spray; solvent odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 183 (Conc)  NFPA 30B Rating: 3
Flammability Limits in Air (Volume %): Upper: 12.7 (isopropanol) Lower: 0.5 (Isoparaffinic Hydrocarbon)
Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters must use full protective gear and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Cool container in the vicinity of fire with water fog. Solvent vapors may cause flashback. Exposure to temperatures above 120°F or prolonged exposure to direct sunlight may cause cans to burst.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, acids and bases.
Conditions to Avoid: Heat and open flame. Dropping of containers may cause bursting.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  
Inhalation:  X   Eyes:  X   Skin:  X   Ingestion: 

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:  
Eyes:  May cause moderate eye irritation, stinging, redness and tearing.
Skin:  Prolonged or repeated contact may cause mild skin irritation, redness, burning, drying of skin and skin burns.  May be harmful if absorbed through the skin.
Ingestion:  Harmful or fatal if swallowed.  Possible aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
Inhalation:  May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death.  May cause peripheral nervous system disorder and/or damage.

First Aid Procedures:  
Eyes:  Flush eyes and under eyelids with plenty of cool water for at least 15 minutes.  If irritation persists, obtain medical attention.
Skin:  Remove contaminated clothing and wash with soap and water.  If irritation persists, obtain medical attention.
Ingestion:  Contact physician or poison control center immediately.  Do not induce vomiting unless told to do so by a physician of poison control center.  Never give anything to an unconscious person.
Inhalation:  Remove person to fresh air.  If not breathing, give artificial respiration.  If breathing is difficult, give oxygen.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak:  Extinguish all sources of ignition and ventilate area.  Soak up material with an inert absorbent material and place in a labeled closed container for disposal.
Waste Disposal Method:  Consult local environmental authorities.  Dispose of empty cans in non-incinerated trash only.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection:  Use adequate ventilation.  If recommended exposure limits are exceeded wear a NIOSH approved respirator following manufacturers recommendations.
Ventilation:  Local - Recommended   Mechanical - Not required
Protective Gloves:  Chemical resistant
Eye Protection:  Safety glasses
Other Protective Equipment:  Eye wash station

Precautions for Handling and Storage:  Store in a cool, dry place.  Keep away from heat or open flame.  Wash thoroughly after handling.  Do not contaminate food, feed or seed by storage or disposal.  Do not puncture or incinerate cans.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME:  Consumer Commodity     DOT CLASS: ORM-D
DOT ID NUMBER:  None     DOT PACKING GROUP:  None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product.  This product may have more than one proper shipping name depending on packaging product properties and mode of shipment.  If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924


SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CABINET CLEANER  HMIS Rating (Based pm Aerosol Conc.):
PRODUCT TYPE: Aerosol  0-Minimal  1-Slight  2-Moderate  3-Serious  4-Extreme
FORMULA: Proprietary  HEALTH: 1  FIRE: 0  REACTIVITY: 0
DOT HAZARD CLASS: Consumer Commodity ORM-D  PERSONAL PROTECTION: B

SECTION II. INGREDIENTS

<table>
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<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>% WT</th>
<th>313/CHEM</th>
<th>SKIN</th>
<th>CARCINOGEN</th>
<th>PEL</th>
<th>TWA/TLV</th>
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<tbody>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>05-10</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>N/E</td>
<td>N/E</td>
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<tr>
<td>Liquified Petroleum Gas</td>
<td>68476-85-7</td>
<td>05-10</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>1000ppm</td>
<td>1000ppm</td>
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</table>

SECTION III. PHYSICAL DATA

Data Below Based on Aerosol Concentrate Only:
Boiling Point: ~216°C  pH: 8.5
Vapor Density (AIR = 1): >1  Solubility in Water: Complete
Specific Gravity (H2O = 1)@70°F: 0.993  Appearance/Odor: Milky White Foam with Mild Odor

Data Below Based on Total Contents:
Vapor Pressure of can(psig @70° F): 5.3
Total VOC %: ~7%

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): None to boiling (~212°F - TOC)
Flammability: (as per USA Flam Projection Test): Non-flammable spray
Extinguishing Media: Foam, CO2, Dry Media
Special Fire Fight Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V. REACTIVITY DATA

Stability: Material Stable
Hazardous Polymerization: Will Not Occur.
Incompatibility (Specific Materials to Avoid): Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

SECTION VI. HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.
Precautions for Handling and Storage: Store in a cool, dry area from heat or open flame. Do not store at temperatures above 120°F.
NFPA Code 30B Rating: Level 1 Aerosol
SECTION VII. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry and Effects of Overexposure:

Eyes: May cause slight irritation, but does not injure eye tissue.
Skin: Frequent or prolonged contact may cause irritation.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

First Aid Procedures:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.
Skin: Wash with soap and water. If irritation persists, seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.
Ingestion: DO NOT induce vomiting. Seek medical attention immediately.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Allow propellant and solvent to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and swept up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and Local laws.
Waste Disposal Method: Aerosol cans when emptied and depressurized through normal use pose no disposal hazard and should be recycled. Consult Federal, State and Local authorities for approved procedures.

N/A=Not Applicable  N/E=Not Established  N/D=Not Determined  <=Less Than  =>More Than

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PRODUCT NAME: CABLE BRIGHT
PRODUCT DESCRIPTION: Concentrated Cleaner Degreaser
PRODUCT CODE: 090

SECTION II. HAZARDOUS INGREDIENTS

Contains no hazardous components under current OSHA definitions. This material mixture formula is a trade secret and complies with 29CFR XVII-1910. 1200 Section (i) “TRADE SECRETS”. This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be: non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION III. PHYSICAL DATA

Boiling Point @ 1ATM deg C: 93.4  
Vapor Pressure @ 20C (mm Hg): 17.5  
Vapor Density (AIR = 1): .62  
Solubility in Water: COMPLETE  
Appearance/Odor: Dark green  
Specific Gravity (H2O = 1): 1.010 at 20° F  
Evaporation Rate: .7  
pH Range (Concentrate): 10.7

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: Non-flammable; decomposed at 110°C without flame using Pensky-Martens Closed Tester 211.7-1979  
Flammable Limits: LEL=N/A  
UEL=N/A  
Extinguishing Media: OK with CO2, Sand, Dry Chemical, Foam, Water.  
Special Fire Fighting Procedures: Water may be used to cool containers involved with fire.  
Unusual Fire and Explosive Hazards: Poses no unusual fire or explosive hazards.

SECTION V. REACTIVITY DATA

Stability: This is a totally stable compound  
Incompatibility: This material will neutralize most acids.  
Conditions to Avoid: None Known  
Hazardous Decomposition: None known. It is not combustible.  
Hazardous Polymerization: It will not undergo hazardous polymerization.
SECTION VI. HEALTH HAZARD DATA

Emergency/First Aid Procedures:

- **Eye Contact**: In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo.
- **Skin Contact**: When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply hand cream.
- **Inhalation**: No health effects are known to occur from inhalation of this material under normal use in a normally vented area.
- **Ingestion**: Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.

SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

**Spill Response**: Area may become slippery. Flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.

**Product Disposal**: May be flushed in any sewer drain for disposal.

**Container Disposal**: Rinse used containers with water and recycle.

**Other Precautions**: If exposed to low temperatures (below 32°F), product may statify. If so, mix before using.

SECTION VIII. CONTROL MEASURES

**Precautionary measures needed**: Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical,

**KEEP OUT OF REACH OF CHILDREN**
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CAPTURE
PRODUCT DESCRIPTION: Powdered Absorbent
PRODUCT CODE: 675

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant  1-Slight  2-Moderate  3-High  4-Extreme
HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

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<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
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<tr>
<td>Potassium Polyacrylate</td>
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<td>50.0-60.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
</tr>
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</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
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<tbody>
<tr>
<td>Boiling Point</td>
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</tr>
<tr>
<td>pH</td>
<td>N/A</td>
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<tr>
<td>Vapor Density (AIR = 1)</td>
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<tr>
<td>Specific Gravity (water = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC Content (% by weight)</td>
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</tr>
<tr>
<td>Appearance/Odor</td>
<td>Fine, white powder; citrus/floral fragrance</td>
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<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
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<tr>
<td>Vapor Pressure (mm Hg)</td>
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<tr>
<td>Evaporation Rate (water = 1)</td>
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SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
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<tbody>
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<td>Flash Point (F)</td>
<td>N/A</td>
</tr>
<tr>
<td>(TEST METHOD)</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %)</td>
<td>Upper: N/D  Lower: N/D</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, foam, carbon dioxide, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures</td>
<td>Firefighters should be equipped with full protective gear including self contained breathing apparatus. Product becomes slippery when wet.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>Excessive dusts are potentially explosive if ignited.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid)</td>
<td>Strong oxidizers.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Excess heat and open flame.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Thermal decomposition may produce oxides of carbon.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None.</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens:  None

Effects of Overexposure:
  Eyes:  May cause mild irritation and redness.
  Skin:  May cause mild irritation and redness.
  Ingestion:  Gastrointestinal irritation nausea, vomiting, diarrhea.
  Inhalation:  Irritation to upper respiratory tract, mucous membranes and lung tissue.

First Aid Procedures:
  Eyes:  Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  Skin:  Wash with soap and water. Remove contaminated clothing and launder before re-use. If irritation persists, obtain medical attention.
  Ingestion:  Contact physician or poison control center immediately. Rinse mouth with water and give affected person several glasses of water. Never give anything to an unconscious person.
  Inhalation:  Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak:  Ventilate area and remove all sources of ignition. Sweep up spilled material for reuse or disposal.
Waste Disposal Method:  Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection:  Use with adequate ventilation.
Ventilation:  Local - Recommended  Mechanical - Not required
Protective Gloves:  Chemical resistant.
Eye Protection:  Safety glasses or chemical goggles.
Other Protective Equipment:  Eye wash station.
Precautions for Handling and Storage:  Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME:  None
DOT CLASS:  None  DOT ID NUMBER:  None  DOT PACKING GROUP:  None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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### Precautions

**Inhalation:**
- Wear protective equipment:
  - Use a self-contained breathing apparatus (SCBA) with NIOSH-approved PAPR (Positive Air-Pressure Respirator) or supplied air respirator.

**Eye:**
- If splashed in the eyes, flush immediately with large amounts of water for 15 minutes, then consult a medical professional.
- To remove contact lenses, do so immediately, then proceed as above.

**Skin:**
- Wash affected area with soap and water.
- If irritation persists, seek medical attention.

**Ingestion:**
- Do not induce vomiting.
- If swallowed, seek immediate medical attention.

**Absorption:**
- If absorbed through the skin, wash affected area with soap and water.
- If irritation persists, seek medical attention.

**Extinguishing:**
- Use dry chemical or Class B foam extinguishing agents.

### Handling and Storage

- Store in a cool, dry place.
- Keep away from heat and direct sunlight.
- Avoid contact with incompatible materials.

### Incompatibility

- Acids
- Alcohols
- Organic peroxides
- Oxidizing agents
- Chlorine

### Extinguishing Agents

- Dry chemical
- Class B foam

### Flammability

- Flammable

### Physical Data

- **Vapor Density:**
  - N/A

### Health Data

- **OSHA/NIOSH TLV:**
  - N/A

- **ACGIH TLV:**
  - N/A

### Toxicological Properties

- **Toxicity:**
  - Inhalation:
    - None.
  - Skin:
    - Irritation
  - Eyes:
    - Irritation
  - Oral Exposure:
    - None.

### Other Data

- **DOT Identification:**
  - None.

- **SARA Information:**
  - 372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)
  - 355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
  - N/A = Not Applicable

### Key

- **PEL:** Permissible Exposure Limit

### Table of Ingredients

<table>
<thead>
<tr>
<th>Product</th>
<th>Material</th>
<th>Incompatibility</th>
<th>Extinguishing</th>
<th>Handling and Storage</th>
</tr>
</thead>
</table>

### Additional Information

- **VOC:** Not applicable

- **Boiling Point:** Not applicable

- **DOT Class:** Not applicable
MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85013
GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CARPET SPOT REMOVER WIPES  
PRODUCT FORMULATION: Premoistened Cleaning Towels
PRODUCT CODE: 1546

NFPA HAZARD IDENTIFICATION SYSTEM: 0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Butoxy 2-Propanol</td>
<td>5131-66-8</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>144-55-8</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Surfactant Blend</td>
<td>Mixture</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/D</td>
</tr>
<tr>
<td>pH</td>
<td>7.00-8.00**</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/D</td>
</tr>
<tr>
<td>Specific Gravity (water = 1)</td>
<td>1.02*</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble*</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/D</td>
</tr>
<tr>
<td>Evaporation Rate (water = 1)</td>
<td>N/D</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>White cloth impregnated with a hazy, colorless liquid; grapefruit fragrance</td>
</tr>
</tbody>
</table>

*Tested using liquid component of towelette.

SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F)</td>
<td>&gt;200*</td>
</tr>
<tr>
<td>(TEST METHOD)</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %)</td>
<td>Upper: N/E  Lower: N/E</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, foam, carbon dioxide, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures:</td>
<td>Firefighters should be equipped with full protective gear including self-contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>None.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid):</td>
<td>None.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>None.</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None.</td>
</tr>
</tbody>
</table>

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SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion:

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Moderate irritation and redness.
- Skin: Redness, dryness and irritation with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: No hazards under normal use.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container. Flush residue with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: None required under normal use, otherwise chemical resistant.
Eye Protection: None required under normal use, otherwise safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CHEF’S CHOICE
PRODUCT FORMULATION: Water Based Alkaline Cleaner
PRODUCT CODE: 427

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 302</th>
<th>EPA 355</th>
<th>EPA 372</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>1.00-5.00</td>
<td>25ppm(skin)</td>
<td>25ppm(skin)</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-58-3</td>
<td>1.00-5.00</td>
<td>2mg/m3 C</td>
<td>2mg/m3 C</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>9004-82-4</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 13.00-14.00
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.07  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 4.2  Evaporation Rate (water = 1): ~1.00
Appearance/Odor: Clear, yellow liquid; detergent odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): N/A
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool drums in vicinity of fire with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Acids, aluminum, tin and zinc.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
**SECTION VI. HEALTH AND FIRST AID MEASURES**

**Primary Routes of Entry:**

- Inhalation: X
- Eyes: X
- Skin: X
- Ingestion: X

**Ingredients Considered By OSHA, NTP, IARC to be Carcinogens:** None.

**Effects of Overexposure:**
- **Eyes:** Corrosive - Severe irritation, destruction of tissue, redness, swelling and tearing, possibly resulting in blindness.
- **Skin:** Severe irritation with prolonged or repeated exposure, burns and dermatitis.
- **Ingestion:** DANGER - Harmful or fatal if swallowed. Severe burns, destruction of tissue.
- **Inhalation:** Will cause irritation to the respiratory tract.

**First Aid Procedures:**
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Call a physician immediately and continue flushing until medical attention is obtained.
- **Skin:** Remove contaminated clothing and launder separately before reuse. Flush with plenty of cool water for at least 15 minutes. Obtain medical attention.
- **Ingestion:** Contact physician or poison control center immediately. Rinse mouth with water. Give person 1 to 2 glasses of water followed by citrus fruit juice. Never give anything by mouth to an unconscious person.
- **Inhalation:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

**SECTION VII. SPILL OR LEAK PROTECTION**

**Steps to Be Taken in Case of Spill or Leak:** Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Flush residue away with large amounts of water.

**Waste Disposal Method:** Consult local environmental authorities.

**SECTION VIII. SPECIAL PROTECTION DATA**

**Respiratory Protection:** Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer's recommendations.

**Ventilation:**
- Local - Recommended
- Mechanical - Not required

**Protective Gloves:** Chemical resistant.

**Eye Protection:** Chemical goggles and/or face shield.

**Other Protective Equipment:** Emergency shower and eye wash station. Protective clothing.

**Precautions for Handling and Storage:** Store in a cool, dry place away from acids. Do not mix with any other cleaning chemical. Never add water to this product. Always add this product to water, slowly stirring. Rinse container before discarding. Keep container tightly closed when not in use.

**KEEP OUT OF REACH OF CHILDREN**

**SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)**

**DOT PROPER SHIPPING NAME:** Compounds, cleaning liquid (Potassium Hydroxide).

**DOT CLASS:** 8

**DOT ID NUMBER:** NA1760

**DOT PACKING GROUP:** III

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MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CHLORINATED FOAMING CLEANER
CHEMICAL FORMULATION: Water Based Alkaline Cleaner
PRODUCT CODE: 690

NFPA HAZARD IDENTIFICATION SYSTEM:
0 = Insignificant  1 = Slight  2 = Moderate  3 = High  4 = Extreme
HEALTH: 2  FLAMMABILITY: 0  REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hypochlorite</td>
<td>7681-52-9</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>5.00-10.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
</tr>
</tbody>
</table>

KEY:
N/A = Not Applicable
N/D = Not Determined
C = Ceiling Level
N/E = Not Established
Y = Yes
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Pressure (mm Hg): N/D
Specific Gravity (water = 1): 1.20
VOC Content (% by weight): N/D
pH: N/A
Solubility in Water: Soluble
Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear, colorless to light yellow liquid; chlorine odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): N/A  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Fire may generate chlorine fumes.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and reducing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Corrosive. Severe irritation, destruction of tissue.
Skin: Corrosive. Moderate to severe irritation, redness, burns, ulcerations and dermatitis
Ingestion: May be harmful or fatal if swallowed. Gastrointestinal irritation, nausea, cramps.
Inhalation: Irritation and burns to upper respiratory tract and mucous membrane.

Emergency and First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Flush affected area with plenty of water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention
Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water, followed by citrus juice. Do not induce vomiting. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Chemical goggles and/or face shield.
Other Protective Equipment: Eye wash station and emergency shower.

Precautions for Handling and Storage: Store in a cool, dry place. Do mix with other cleaning chemicals. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, Cleaning Liquid (Sodium Hypochlorite, Potassium Hydroxide)
DOT CLASS: 8 DOT ID NUMBER: NA1760 DOT PACKING GROUP: II

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: CITRA SOLV
PRODUCT DESCRIPTION: Concentrated All Natural Cleaner/Degreaser
PRODUCT CODE: 030

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol CAS# 67-63-0</td>
<td>N/A</td>
<td>400 ppm</td>
<td>N/A</td>
<td>0.5</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>210° F</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>COMPLETE</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>0.95</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity (at 75°F)</td>
<td>50 cps</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>0.2 lbs/gal</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>8.5 to 8.8</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Pale yellow liquid, characteristic orange odor</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSIVE DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>None closed cup</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, foam, CO2, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None</td>
</tr>
<tr>
<td>Unusual Fire and Explosive Hazards</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Material to avoid)</td>
<td>Strong oxidizers</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>CO and CO2 products</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: No  Skin: No  Ingestion: Yes

Health Hazards (Acute and Chronic): Possible diarrhea, if ingested. May irritate eyes.

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Sign and Symptoms of Exposure: Mild skin irritation, slight redness to skin, tearing of eyes. May cause indigestion

Medical Conditions Generally Aggravated by Exposure: Dermatitis

Emergency/First Aid Procedures:
  Eyes: Flush with large amounts of water for at least 15 minutes and see physician if irritation persists.
  Ingestion: Call physician or Poison Control Center. Give several glasses of water. NEVER give anything by mouth to an unconscious person.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Absorb with earth, sand or similar material and dispose of with solid waste in compliance with Local, County, State and Federal regulations.


SECTION VIII. CONTROL MEASURES

Precautionary measures are needed. Any normal ventilation is adequate. Protective equipment: chemical goggles or safety glasses for eye protection; impervious gloves and impervious clothing. Wash contaminated clothing before wearing. Avoid contact with eyes and skin. Store away from direct sunlight and away from extremes of heat and cold. Do not use welding or cutting torches on containers, empty or full. As with any chemical.

KEEP OUT OF THE REACH OF CHILDREN.
**MATERIAL SAFETY DATA SHEET**  
**PAGE 1 OF 2**  
**REVISION DATE: 1/1/2010**

**MANUFACTURER:** Pioneer Research  
3110 N. 19TH Avenue, Suite 200  
Phoenix, Arizona 85015

**GENERAL INFORMATION TELEPHONE:** 602-230-0012  
**EMERGENCY TELEPHONE:** 800-255-3924

### SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

**PRODUCT NAME:** CITRA-SCRUB  
**PRODUCT DESCRIPTION:** Naturally Clean  
**PRODUCT CODE:** 443

**NFPA HAZARD IDENTIFICATION SYSTEM:**  
0-Insignificant  
1-Slight  
2-Moderate  
3-High  
4-Extreme

**HEALTH:** 0  
**FLAMMABILITY:** 1  
**REACTIVITY:** 0

### SECTION II. HAZARDOUS INGREDIENTS

**VALUES REPORTED AS TWA UNLESS NOTED**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 355</th>
<th>40 CFR 372</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

**KEY:**  
PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value  
C = Ceiling Level  
STEL = Short Term Exposure Limit  
N/A = Not Applicable  
N/D = Not Determined  
N/E = Not Established  
Y = Yes  
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)  
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)  
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

### SECTION III. PHYSICAL DATA

- **Boiling Point:** N/D  
- **pH:** 6.5-7.5  
- **Vapor Density (AIR = 1):** N/D  
- **Solubility in Water:** Miscible  
- **Specific Gravity (water = 1):** 0.98  
- **Vapor Pressure (mm Hg):** N/D  
- **VOC Content (% by weight):** 4.5-5.0  
- **Evaporation Rate (water = 1):** N/D  
- **Appearance/Odor:** Yellow, opaque liquid; citrus fragrance

### SECTION IV. FIRE AND EXPLOSION DATA

- **Flash Point (F):** >200  
  **(TEST METHOD):** Closed Cup  
- **Flammability Limits in Air (Volume %):**  
  Upper: N/E  
  Lower: N/E  
- **Extinguishing Media:** Foam, carbon dioxide, dry chemical  
- **Special Fire Fight Procedures:** Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Use water spray to cool fire exposed containers.  
- **Unusual Fire and Explosion Hazards:** None

### SECTION V. REACTIVITY DATA

- **Stability:** Stable  
- **Incompatibility (Specific Materials to Avoid):** Strong acids and oxidizing agents.  
- **Conditions to Avoid:** None  
- **Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon.  
- **Hazardous Polymerization:** Will Not Occur.  
- **Conditions to Avoid:** None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Moderate to severe irritation, redness and tearing.
   Skin: Irritation with repeated or prolonged contact. Contains a possible sensitizer.
   Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea.
   Inhalation: No hazards under normal use.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Wash with water.
   Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ingestion. Soak up spilled material with inert absorbent material and place in a closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
   Ventilation: Local - Not Required Mechanical - Not Required
   Protective Gloves: None
   Eye Protection: None
   Other Protective Equipment: None

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flames. Wash hands thoroughly after handling. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CITRA-SCRUB W/Grit
PRODUCT FORMULATION: Citrus Based Grit Hand Cleanse
PRODUCT CODE: 440

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX. CAS#</th>
<th>OSHA %</th>
<th>PEL</th>
<th>TLV</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N N N</td>
</tr>
<tr>
<td>Linear Alcohol Ethoxylate</td>
<td>34398-01-1</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 6.5-7.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Miscible
Specific Gravity (water = 1): 0.998  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 4.6-6.0  Evaporation Rate (water = 1): N/D
Appearance/Odor: Orange, opaque liquid; citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/E  Lower: N/E
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Use water spray to cool fire exposed containers.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Moderate to severe irritation, redness and tearing.
- Skin: Irritation with repeated or prolonged contact. Contains a possible sensitizer.
- Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea.
- Inhalation: No hazards under normal use.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with water.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ingestion. Soak up spilled material with inert absorbent material and place in a closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
Ventilation: Local - Not Required  Mechanical - Not Required
Protective Gloves: None.
Eye Protection: None.
Other Protective Equipment: None

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flames. Wash hands thoroughly after handling. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION  3443 N. CENTRAL AVE. SUITE 1200  PHOENIX, AZ. 85012  PH (602) 230-0012  FAX (602) 230-7444
The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more

DOT CLASS:

DOT

Eye Protection

Respiratory Protection

First Aid:

Ingestion:

Skim:

Inhalation:

Ingestion:

Skin:

Irritation:

Polymerization:

Decomposition:

Stability:

Unusual

Extinguishing:

Flash Point:

VOC

Boiling Point:

DATA SHEET

SECTION I.

EMERGENCY TELEPHONE:  800-255-3924

MATERIAL CODE:

SECTION II.

PRODUCT

SECTION III.

INGREDIENTS

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Hazardous Conditions

Incompatibility

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Polymerization:

Decomposition:

SECTION V.

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Ingestion:

Inhalation:

Ingestion:

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Inhalation:

Ingestion:

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Precautions:

Health

Environmental

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Physical Properties:

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Decomposition:

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Inhalation:

Ingestion:

Ingestion:

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HAZARDOUS COMPONENTS

SECTION XIII.

SECTION XIV.

SECTION XV.

SECTION XVI.

SECTION XVII.

SECTION XVIII.

SECTION XIX.

SECTION XX.

SECTION XXI.

SECTION XXII.

SECTION XXIII.

SECTION XXIV.

SECTION XXV.

SECTION XXVI.

SECTION XXVII.

SECTION XXVIII.

SECTION XXIX.

SECTION XXX.

SECTION XXXI.

SECTION XXXII.

SECTION XXXIII.

SECTION XXXIV.

SECTION XXXV.

SECTION XXXVI.

SECTION XXXVII.

SECTION XXXVIII.

SECTION XXXIX.

SECTION XL.

SECTION XLI.

SECTION XLII.

SECTION XLIII.

SECTION XLIV.

SECTION XLV.

SECTION XLVI.

SECTION XLVII.

SECTION XLVIII.

SECTION XLIX.

SECTION L.

SECTION LI.

SECTION LII.

SECTION LIII.

SECTION LIV.

SECTION LV.

SECTION LVII.

SECTION LVIII.

SECTION LIX.

SECTION LX.

SECTION LXI.

SECTION LXII.

SECTION LXIII.

SECTION LXIV.

SECTION LXV.

SECTION LXVI.

SECTION LXVII.

SECTION LXVIII.

SECTION LXIX.

SECTION LXX.

SECTION LXXI.

SECTION LXXII.

SECTION LXXIII.

SECTION LXXIV.

SECTION LXXV.

SECTION LXXVI.

SECTION LXXVII.

SECTION LXXVIII.

SECTION LXXIX.

SECTION LXXX.

SECTION LXXXI.

SECTION LXXXII.

SECTION LXXXIII.

SECTION LXXXIV.

SECTION LXXXV.

SECTION LXXXVI.

SECTION LXXXVII.

SECTION LXXXVIII.

SECTION LXXXIX.

SECTION XC.

SECTION XCI.

SECTION XCII.

SECTION XCIII.

SECTION XCIV.

SECTION XCV.

SECTION XCVI.

SECTION XCVII.

SECTION XCVIII.

SECTION XCVIII.

SECTION XCIX.

SECTION C.

SECTION CC.

SECTION CCC.

SECTION CCC.

SECTION CCC.

SECTION CCC.

SECTION CCC.

SECTION CCC.

SECTION CCC.

SECTION CCC.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: CLEAR TRACTION - PART A  HMIS HAZARD CODE
PRODUCT TYPE: Epoxy Resin  0-Minimal 1-Slight 2-Moderate 3-Serious 4-Extreme
PRODUCT CODE: 734  HEALTH: 2  FLAMMABILITY: 1  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>% VOLUME</th>
<th>ACGIH</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy Resin</td>
<td>25068-38-6</td>
<td>90%</td>
<td>NE</td>
<td>1.4</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: >300°F  Vapor Density (AIR = 1): Heavier than air
Weight per gallon: 9.2  Specific Gravity: 1.1
Appearance/Odor: Pigmented liquid, mild odor  Evaporation Rate: Slower than Butyl Acetate
Vapor Pressure (mm Hg): <1 mm/gh @ 68 F  Solubility in Water: Practically insoluble

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 400°F  Method Used: TCC
Flammability Limits: LEL- N/A  UEL - N/A  (N/A = Not Applicable)
Extinguishing Media: Carbon Dioxide or Dry Chemical for small fires; Aqueous Foam or Water for large fires.
Special Fire Fighting Procedures: Remove all ignition sources. Wear self contained breathing apparatus and complete personal protective equipment where potential for exposure to vapors or products of combustion exists.
Unusual Fire and Explosion Procedures: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: May Occur
Conditions to Avoid: Avoid contact with acids and oxidizing agents
Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen

SECTION VI. HEALTH HAZARD DATA

Effects of Overexposure:
Acute Overexposure: Irritant to skin, eyes and respiratory tract.
Chronic Overexposure: Prolonged contact with skin can result in dermatitis and swelling.
Eye Contact: Harmful - seek medical attention.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency/First Aid Procedures:
Eyes: Flush immediately with large volumes of water for at least 15 minutes. Take to physician for medical treatment
Ingestion: Consult physician or Poison Control Center immediately
Skin Contact: Wash well with soap and water
SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources. Stop spill at source.

Product Disposal: Place in closed containers. Do not close containers tightly as gassing may develop in some products. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

SECTION VII. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NIOSH approved chemical/mechanical filter designed to remove a combination of particulates and vapor where concentrations are encountered.

Ventilation: Local exhaust preferable. Mechanical exhaust acceptable.

Protective Gloves: Neoprene or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: CLEAR TRACTION - PART B
PRODUCT TYPE: Epoxy Curing Agent
PRODUCT CODE: 734

HMIS HAZARD CODE
0-Minimal 1-Slight 2-Moderate 3-Severe 4-Extreme
HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0
EQUIPMENT: H (Gloves, Goggles, Apron, Respirator)

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>% VOLUME</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Alcohol</td>
<td>68155-17-9</td>
<td>30-50</td>
<td>N/E</td>
</tr>
<tr>
<td>Salicylic Acid</td>
<td>111-40-0</td>
<td>4-10</td>
<td>10 ppm (skim)</td>
</tr>
<tr>
<td>Cycloaliphatic Diamine</td>
<td>2855-13-2</td>
<td>35-60</td>
<td>N/E</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 400°F.
Vapor Density (AIR = 1): Heavier than air
% Volatile by Vol: No Data
Weight per gallon: 8.1bs
Appearance/Odor: Clear, amine odor
Vapor Pressure (mm Hg): <1 mm Hg

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 194°F  Method Used: TCC
Flammability Limits: LEL - N/A  UEL - N/A  (N/A = Not Applicable)
Extinguishing Media: Water, carbon dioxide, dry chemical or foam
Special Fire Fighting Procedures: Remove all ignition sources. Wear self contained breathing apparatus and complete personal protective equipment where potential for exposure to vapors or products of combustion exists.
Unusual Fire and Explosion Hazards: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: May Occur
Conditions to Avoid: Avoid contact with acids and oxidizing agents
Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen

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Protective Gloves: Neoprene or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: COIL CLEANER
PRODUCT FORMULATION: Acid Cleaner
PRODUCT CODE: 101

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonium Bifluoride</td>
<td>1341-49-7</td>
<td>&lt;2.0</td>
<td>2.5mg/m3</td>
<td>2.5mg/m3</td>
<td>N N N</td>
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<tr>
<td>Phosphoric Acid</td>
<td>7664-35-2</td>
<td>15.0-25.0</td>
<td>1mg/m3</td>
<td>1mg/m3</td>
<td>N N N</td>
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<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>1.0-10.0</td>
<td>25ppm(skin)</td>
<td>25ppm(skin)</td>
<td>N N Y</td>
</tr>
<tr>
<td>Poly (oxyethylene) nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;3.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: 212°F
Vapor Density (AIR = 1): N/D
Gravity (water = 1): 1.11
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <5.00
Evaporation Rate (water = 1): <1.0
Appearance/Odor: Clear, light blue liquid, characteristic acid odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighter must be equipped with full protective gear including self-contained breathing apparatus. Avoid breathing smoke or fumes. Move container from fire area if possible.
Unusual Fire and Explosion Hazards: Fire may produce hazardous acid vapors. Contact with metals may produce explosive hydrogen gas accumulations.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:   Inhalation: X   Eyes: X   Skin: X   Ingestion: X

Effects of Overexposure:
- Eyes: Severe irritation, burns, destruction of tissue.
- Skin: Severe irritation, burns, destruction of tissue.
- Inhalation: Severe irritation of respiratory tract, pulmonary edema.
- Ingestion: Severe burns to mucous membranes, destruction of tissue, DANGER - may be fatal if swallowed.

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Continue flushing until medical assistance arrives.
- Skin: Remove contaminated clothing. Flush with plenty of cool water for at least 15 minutes and cover exposed area with moist baking soda. Obtain medical assistance.
- Inhalation: Remove person to fresh air and call physician if irritation persists.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Give large quantities of water followed by milk of magnesia, beaten egg whites, or vegetable oil.

SECTION VII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended   Mechanical - Recommended

Protective Gloves: Acid resistant.

Eye Protection: Goggles or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Product is corrosive. Store away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION VIII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and evacuate unprotected persons. Contain spill and place into drums for proper disposal. Neutralize remaining area with baking soda, soda ash or lime.

Waste Disposal Method: Consult local environmental authorities.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (phosphoric acid).

DOT CLASS: 8

DOT ID NUMBER: 1760

DOT PACKING GROUP: III

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015
GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: COMPOST DIGESTANT  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 520  HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX %</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA</th>
<th>40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

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PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A  
Vapor Density (AIR = 1): N/A  
Specific Gravity (water = 1): N/A  
VOC Content (% by weight): N/A  
Appearance/Odor: Tan to brown powder; yeast-like odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  
TEST METHOD: N/A  
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTIOIN VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Mild to moderate irritation and redness.
   Skin: Irritation may be caused by prolonged or repeated exposure. Bacterial infection may occur through open wounds or broken skin.
   Ingestion: Nausea, vomiting, diarrhea.
   Inhalation: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
   Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: None required under normal use, otherwise, chemical resistant.

Eye Protection: None required under normal use, otherwise, chemical goggles.

Other Protective Equipment: Eyewash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: CONCRETE CLEANER & ETCH
PRODUCT FORMULATION: Acid Based Cleaner
PRODUCT CODE: 140

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2  FLAMMABILITY: 0  REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15.0-25.0</td>
<td>5ppm C</td>
<td>5ppm C</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Poly (Oxyethylene) Nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 1.0
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Gravity (water = 1): 1.10  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <1.00  Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear light green liquid; characteristic acidic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. May produce toxic fumes when heated.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline material, metals and metal salts.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemicals. Do not spray to create mists. Do not heat to create vapors.
Hazardous Decomposition Products: Thermal decomposition may produce CO, CO2, HCl and Cl2.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  
Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
Skin: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
Ingestion: Severe burns to mucous membranes, destruction of tissue, DANGER - May be fatal if swallowed.
Inhalation: Severe irritation to upper respiratory tract, pulmonary edema, laryngeal spasms.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
Skin: Remove contaminated clothing. Flush with plenty of cool water for at least 15 minutes and cover exposed area with acid neutralizing solution or moist baking soda. Obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air. If breathing stops, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak:  
Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with a neutralizing solution.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.
Ventilation: Local - Recommended Mechanical - Recommended
Protective Gloves: Acid resistant
Eye Protection: Safety goggles and/or face shield.
Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.
Precautions for Handling and Storage: Corrosive material. Store in a cool, dry place away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Never add water to this product, always add this product to water, slowly stirring. Keep container tightly closed when not in use. Wash before eating, drinking or smoking.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Hydrochloric Acid).
DOT CLASS: 8  DOT ID NUMBER: UN1760  DOT PACKING GROUP: III

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: COOL CUT
PRODUCT DESCRIPTION: Metalworking Coolant and Lube
PRODUCT CODE: 303

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insensitive 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 302</th>
<th>EPA 355</th>
<th>EPA 372</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>120-71-6</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Alkanolamine</td>
<td>Mixture</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>&lt;2.00</td>
<td>3ppm</td>
<td>2mg/m3(skin)</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (Water = 1): 1.06
VOC Content (% by weight): N/D
Appearance/Odor: Clear, golden brown liquid, slight odor
pH: 9.50-10.20
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (Water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): >200  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Acids and strong oxidizers
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and nitrogen.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Moderate to severe irritation, tearing and redness. Possible corneal injury.
   Skin: Irritation and redness with prolonged exposure.
   Ingestion: Irritation of gastrointestinal tract, nausea, vomiting.
   Inhalation: May cause irritation to respiratory tract, dizziness.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Wash with soap and water. If irritation persists, obtain medical attention.
   Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.
   Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal or flush away with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses.

Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Keep away from acids.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None  DOT CLASS: None

DOT ID NUMBER: None  DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: db SOLVENT HF-165  
PRODUCT FORMULATION: Citrus Based Hand Cleanser  
PRODUCT CODE: 387  
NFPA HAZARD IDENTIFICATION SYSTEM:  
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme  
HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>10.0-20.0</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

KEY:  
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STEL = Short Term Exposure Limit  
N/A = Not Applicable  
N/D = Not Determined  
N/E = Not Established  
Y = Yes  
N = No

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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  
ph: N/A
Vapor Density (AIR = 1): N/D  
Solubility in Water: Insoluble
Specific Gravity (water = 1): 0.88  
Vapor Pressure (mm Hg): <1.0 @ 20°C
VOC Content (% by weight): 10.0-20.0  
Evaporation Rate (water = 1): >1.0
Appearance/Odor: Clear, colorless liquid; citrus-petroleum distillate odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 165 (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Use water spray to cool fire exposed containers. Use water spray to cool fire-exposed containers.
Unusual Fire and Explosion Hazards: Protect from source of ignition. Solvent vapors may cause flashback.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizing agents.
Conditions to Avoid: Heat or open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens:  None

Effects of Overexposure:
Eyes: Moderate to severe irritation, redness and tearing.
Skin: Irritation, chapping, dermatitis with repeated or prolonged contact. Contains a possible sensitizer.
Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may be a hazard.
Inhalation: Respiratory tract irritation, dizziness, weakness, headache, nausea and unconsciousness.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Remove contaminated clothing and launder separately before re-use. Wash with soap and water.
Ingestion: Contact physician or poison control center immediately. Do not induce vomiting.
Inhalation: Remove person to fresh air. Administer artificial respiration if person has stopped breathing. Obtain medical assistance.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ingestion. Contain spill. Soak up spilled material with inert absorbent material and place in a closed container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not Required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses and/or face shield.
Other Protective Equipment: Eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flames. Wash thoroughly after handling. Keep container tightly closed when not in use. Bound and ground during liquid transfer.
Other Precautions: Do not cut or weld on empty container as it may contain combustible residues.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME:  None
DOT CLASS:  None
DOT ID NUMBER:  None
DOT PACKING GROUP:  None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Ph:  602-230-0012

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: db SOLVENT WA
CHEMICAL FORMULATION: Water Based Alkaline Cleaner
PRODUCT CODE: 432

NFPA HAZARD IDENTIFICATION SYSTEM:
0 = Insignificant  1 = Slight  2 = Moderate  3 = High  4 = Extreme
HEALTH: 2  FLAMMABILITY: 2  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
<th>302</th>
<th>355</th>
<th>372</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>1-Butoxy-2-Propanol</td>
<td>5131-66-8</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-58-3</td>
<td>1.00-3.00</td>
<td>2mg/23C</td>
<td>2mg/23C</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Cocodithanolamide</td>
<td>67785-11-9</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Ethoxylated Alkyl Amine</td>
<td>68478-95-5</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Ethoxylated Alcohols</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphate Ester</td>
<td>68130-47-2</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
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<tr>
<td>1-Methoxy-2-Propanol</td>
<td>107-98-2</td>
<td>&lt;2.00</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 12.75-13.75
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 0.997  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Slightly translucent, yellow liquid; detergent odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): 124  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Product can release vapors that form combustible mixtures at temperatures at or above the flashpoint.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizers.
Conditions to Avoid: Heat, sparks and open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Moderate to severe irritation, and redness, tearing, possible destruction of tissue.
   Skin: Moderate to severe irritation with prolonged or repeated contact to concentrate. Contains a possible sensitizer.
   Ingestion: Call a physician or poison control center immediately. Give person 1 to 2 glasses of water. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything by mouth to an unconscious person.
   Inhalation: Irritation of the respiratory tract.

Emergency and First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Flush area with cool water. Remove contaminated clothing and launder separately before reuse. Obtain medical attention
   Ingestion: Contact physician or poison control center immediately. Give person 1 to 2 glasses of water. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ignition. Contain spill. Soak up with inert absorbent material and place in a properly labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Chemical goggles or safety glasses.

Other Protective Equipment: Eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place away from acids, heat, sparks or open flame. Keep container tightly close when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Potassium Hydroxide)

DOT CLASS: 8

DOT ID NUMBER: NA 1760

DOT PACKING GROUP: III

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: db SOLVENT WR
CHEMICAL FORMULATION: Water Rinsable Degreaser
PRODUCT CODE: 393

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Spirits</td>
<td>8052-41-3</td>
<td>70.0-80.0</td>
<td>N/E</td>
<td>100ppm</td>
<td>N N N</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>15.0-25.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
<tr>
<td>Ethoxylated Octyl Phenol</td>
<td>9036-19-5</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
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N/D = Not Determined
N/E = Not Established
Y = Yes
N = No
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

| Boiling Point: N/D | pH: N/A |
| Vapor Density (AIR = 1): N/D | Solubility in Water: Emulsifies |
| Specific Gravity (water = 1): 0.803 | Vapor Pressure (mm Hg): N/D |
| VOC Content (% by weight): >90.0 | Evaporation Rate (water = 1): >1.0 |
| Appearance/Odor: Clear, colorless liquid; solvent odor |

SECTION IV. FIRE AND EXPLOSION DATA

| Flash Point (°F): 105 | (TEST METHOD): Closed Cup |
| Flammability Limits in Air (Volume %): Upper: N/D | Lower: N/D |
| Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical |
| Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus. |
| Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. Solvent vapors may cause flashback. Vapors are heavier that air and may travel along the ground or be moved by ventilation. |

SECTION V. REACTIVITY DATA

| Stability: Stable |
| Incompatibility (Specific Materials to Avoid): Strong oxidizing agents. |
| Conditions to Avoid: Heat and open flame. |
| Hazardous Decomposition Products: Thermal decomposition may yield thick smoke, irritation fumes and oxides of carbon. |
| Hazardous Polymerization: Will Not Occur. |
| Conditions to Avoid: None. |
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Severe irritation, and redness, tearing blurred vision.
- Skin: Irritation, chapping and dermatitis, with prolonged or repeated exposure. Contains a possible sensitizer.
- Ingestion: Nausea, cramps, diarrhea. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
- Inhalation: Irritation of the respiratory tract, dizziness, weakness, headache, nausea and unconsciousness.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Remove contaminated clothing and launder separately before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ignition. Contain spill. Soak up with inert absorbent and place in a properly labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Chemical goggles or safety glasses.

Other Protective Equipment: Protective clothing, eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Wash thoroughly after handling. Keep container tightly close when not in use.

Other Precautions: Do not cut or weld on empty containers as they may contain combustible residue.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Total Solutions /Pioneer Research  P.O. Box 240014  Milwaukee WI 53224

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS DEMISE ANT AND INSECT DEHYDRATOR
PRODUCT DESCRIPTION: Dry Powder Insecticide
PRODUCT CODE: 604

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrethrins</td>
<td>8003-34-7</td>
<td>1.00</td>
<td>5mg/m3</td>
<td>5mg/m3</td>
<td>N N N</td>
</tr>
<tr>
<td>Piperonyl Butoxide</td>
<td>51-03-6</td>
<td>10.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N N N</td>
</tr>
<tr>
<td>Naphthenic Solvent</td>
<td>64742-47-8</td>
<td>4.00</td>
<td>100ppm</td>
<td>N/A</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
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SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>pH:</td>
<td>6.6@20% (V/V) Washed in water</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1):</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC Content (% by weight):</td>
<td>N/D</td>
</tr>
<tr>
<td>Bulk Density @ 20°C:</td>
<td>0.13g/c3</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Off white powder; plant extract odor</td>
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</table>

SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F):</td>
<td>&gt;200</td>
</tr>
<tr>
<td>(TEST METHOD):</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D</td>
<td></td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Alcohol foam, carbon dioxide, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures:</td>
<td>Treat as an oil fire. Firefighters must use full protective gear including self contained breathing apparatus.</td>
</tr>
<tr>
<td>Keep nearby containers and equipment cool with a water stream. Contain the run-off, if possible, for proper disposal.</td>
<td></td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>None.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid):</td>
<td>Strong acidic or alkaline materials.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>N/A</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None.</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyeb: Irritation, redness, tearing, blurred vision.
Skin: Prolonged or repeated exposure can cause irritation due to drying of the skin possibly progressing into dermatitis.
Ingestion: Can cause stomach irritation resulting in nausea, cramps and vomiting. Excessive ingestion can cause nervous system disorders such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.
Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with large amounts of soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Keep affected person warm and quiet. Do not induce vomiting.
Inhalation: Remove person to fresh air. Administer artificial respiration if breathing has stopped.
Note to Physicians: Contains Silica Powder.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Eliminate all ignition sources. Contain the spill (prevent this product from reaching surface waters or other water supplies). Sweep up the spill with sweeping compound and transfer into waste containers for disposal. Clean the spill area with detergent and water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Do not breathe dust. If recommended Exposure Limits are exceeded, wear a NIOSH approved organic respirator equipped with a dust collector.
Ventilation: Local - Recommended  Mechanical - Recommended
Protective Gloves: Chemical resistant.
Eye Protection: Chemical goggles.
Other Protective Equipment: Emergency shower and eye wash station.
Precautions for Handling and Storage: Wear approved personal protective equipment. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label. Store containers upright and closed. Store in areas that are cool, dry and well ventilated. Keep away from heat, ignition sources and strong oxidizers. Emptyed containers may retain product residues.
KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: N/A
DOT CLASS: N/A  DOT ID NUMBER: N/A  DOT PACKING GROUP: N/A

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CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ. 85012 PH (602) 230-0012 FAX (602) 230-7444
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DF-44  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Sewer Anti-Foam Concentrate  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 365  HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A = Not Applicable</td>
<td>N/D = Not Determined</td>
<td>N/E = Not Established</td>
<td>Y = Yes</td>
<td>N = No</td>
<td></td>
</tr>
<tr>
<td>Contains no hazardous components as defined in 29 CFR 1910.1200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 7.0-8.0
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.01  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Opaque white liquid; mild odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: DF-44

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:    Inhalation: X    Eyes: X    Skin: X    Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: May cause irritation.
Skin: No effects expected.
Ingestion: Gastrointestinal irritation.
Inhalation: No hazards expected under normal use.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Do not induce vomiting.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal. Flush area with water.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION PHONE:  602-230-0012
EMERGENCY TELEPHONE:  800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DIGESTASE APD 900  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 502  HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX CAS#</th>
<th>OSHA % PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>302</td>
<td>355</td>
</tr>
</tbody>
</table>

KEY:  PEL = Permissible Exposure Limit; TLV = Threshold Limit Value;  C = Ceiling Level; STEL = Short Term Exposure Limit;  N/A = Not Applicable;  N/D = Not Determined;  N/E = Not Established;  Y = Yes;  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

Contains no hazardous components as defined in 29 CFR 1910.1200

SECTION III. PHYSICAL DATA

Boiling Point: N/A  pH: N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: Soluble
Specific Gravity (water = 1): N/A  Vapor Pressure (mm Hg): N/A
VOC Content (% by weight): N/A  Evaporation Rate (water = 1): N/A
Appearance/Odor: Tan to brown powder; yeast-like odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): N/A
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes**: Mild to moderate irritation and redness.
- **Skin**: Irritation may be caused by prolonged or repeated exposure. Bacterial infection may occur through open wounds or broken skin.
- **Ingestion**: Nausea, vomiting, diarrhea.
- **Inhalation**: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
- **Eyes**: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- **Skin**: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
- **Ingestion**: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- **Inhalation**: Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: None required under normal use, otherwise, chemical resistant.

Eye Protection: None required under normal use, otherwise, chemical goggles.

Other Protective Equipment: Eyewash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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### SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

**PRODUCT NAME:** DIGESTASE FDE 750  
**NFPA HAZARD IDENTIFICATION SYSTEM:**  
**PRODUCT DESCRIPTION:** Dried Enzyme/Bacterial Culture  
0-Insignificant 1-Slight 2-Moderate 3-High  
4-Extreme  
**PRODUCT CODE:** 516  
**HEALTH:** 0  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0

### SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS#</td>
<td>% PEL</td>
<td>TLV</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>CAS##</th>
<th>302</th>
<th>355</th>
<th>372</th>
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</thead>
<tbody>
<tr>
<td>Contains no hazardous components as defined in 29 CFR 1910.1200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**KEY:**  
- PEL = Permissible Exposure Limit  
- TLV = Threshold Limit Value  
- C = Ceiling Level  
- STEL = Short Term Exposure Limit  
- N/A = Not Applicable  
- N/D = Not Determined  
- N/E = Not Established  
- Y = Yes  
- N = No  
- 302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)  
- 355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)  
- 372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

### SECTION III. PHYSICAL DATA

- **Boiling Point:** N/A  
- **pH:** N/A  
- **Vapor Density (AIR = 1):** N/A  
- **Solubility in Water:** Soluble  
- **Specific Gravity (water = 1):** N/A  
- **Vapor Pressure (mm Hg):** N/A  
- **VOC Content (% by weight):** N/A  
- **Evaporation Rate (water = 1):** N/A  
- **Appearance/Odor:** Tan to brown powder; yeast-like odor.

### SECTION IV. FIRE AND EXPLOSION DATA

- **Flash Point (F):** N/A  
- **(TEST METHOD):** N/A  
- **Flammability Limits in Air (Volume %):** Upper: N/A  
- **Lower: N/A**  
- **Extinguishing Media:** Water, foam, carbon dioxide, dry chemical  
- **Special Fire Fight Procedures:** Firefighters should be equipped with full protective gear including self contained breathing apparatus.  
- **Unusual Fire and Explosion Hazards:** None

### SECTION V. REACTIVITY DATA

- **Stability:** Stable  
- **Incompatibility (Specific Materials to Avoid):** Strong acids and oxidizing agents.  
- **Conditions to Avoid:** None.  
- **Hazardous Decomposition Products:** None  
- **Hazardous Polymerization:** Will Not Occur.  
- **Conditions to Avoid:** None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin:  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Mild to moderate irritation and redness.
Skin: Irritation may be caused by prolonged or repeated exposure. Bacterial infection may occur through open wounds or broken skin.
Ingestion: Nausea, vomiting, diarrhea.
Inhalation: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: None required under normal use, otherwise, chemical resistant.
Eye Protection: None required under normal use, otherwise, chemical goggles.
Other Protective Equipment: Eyewash station.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ. 85012 PH (602) 230-0012 FAX (602) 230-7444
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DIGESTASE GTD 655
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture
PRODUCT CODE: 511

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>CAS#</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA</th>
<th>40 CFR</th>
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<tbody>
<tr>
<td></td>
<td>% PEL</td>
<td>TLV</td>
<td>302</td>
<td>355</td>
<td>372</td>
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</tr>
<tr>
<td>Contains no hazardous components as defined in 29 CFR 1910.1200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Boiling Point: N/A</td>
<td>pH: N/A</td>
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<tr>
<td>Vapor Density (AIR = 1):</td>
<td>Solubility in Water: Soluble</td>
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<tr>
<td>N/A</td>
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</tr>
<tr>
<td>Specific Gravity (water = 1):</td>
<td>Vapor Pressure (mm Hg): N/A</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>VOC Content (% by weight):</td>
<td>Evaporation Rate (water = 1): N/A</td>
</tr>
<tr>
<td>N/A</td>
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</tr>
<tr>
<td>Appearance/Odor: Tan to brown powder; yeast-like odor.</td>
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SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F): N/A</td>
<td>(TEST METHOD): N/A</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %):</td>
<td>Upper: N/A Lower: N/A</td>
</tr>
<tr>
<td>Extinguishing Media: Water, foam, carbon dioxide, dry chemical</td>
<td></td>
</tr>
<tr>
<td>Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.</td>
<td></td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards: None</td>
<td></td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Stability: Stable</td>
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</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.</td>
<td></td>
</tr>
<tr>
<td>Conditions to Avoid: None.</td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition Products: None</td>
<td></td>
</tr>
<tr>
<td>Hazardous Polymerization: Will Not Occur.</td>
<td></td>
</tr>
<tr>
<td>Conditions to Avoid: None.</td>
<td></td>
</tr>
</tbody>
</table>
SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: None required under normal use, otherwise, chemical resistant.
Eye Protection: None required under normal use, otherwise, chemical goggles.
Other Protective Equipment: Eyewash station.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DIGESTASE KFP 585  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 515  HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
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</thead>
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<tr>
<td>CAS#</td>
<td>%</td>
<td>PEL</td>
<td>TLV</td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A  pH: N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: Soluble
Specific Gravity (water = 1): N/A  Vapor Pressure (mm Hg): N/A
VOC Content (% by weight): N/A  Evaporation Rate (water = 1): N/A
Appearance/Odor: Tan to brown powder; yeast-like odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): N/A
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin:  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild to moderate irritation and redness.
- Skin: Irritation may be caused by prolonged or repeated exposure. Bacterial infection may occur through open wounds or broken skin.
- Ingestion: Nausea, vomiting, diarrhea.
- Inhalation: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: None required under normal use, otherwise, chemical resistant.
Eye Protection: None required under normal use, otherwise, chemical goggles.
Other Protective Equipment: Eyewash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DIGESTASE SDE 340
PRODUCT DESCRIPTION: Dried Enzyme/Bacterial Culture
PRODUCT CODE:  510

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
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<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

SECTION III. PHYSICAL DATA

Boiling Point: N/A
Vapor Density (AIR = 1): N/A
Specific Gravity (water = 1): N/A
VOC Content (% by weight): N/A
Appearance/Odor: Tan to brown powder; yeast-like odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild to moderate irritation and redness.
- Skin: Irritation may be caused by prolonged or repeated exposure. Bacterial infection may occur through open wounds or broken skin.
- Ingestion: Nausea, vomiting, diarrhea.
- Inhalation: Irritation to upper respiratory tract. Exposure may trigger allergic response to susceptible persons (asthma).

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. Obtain medical attention if symptoms of allergic reaction appear within 12 hours.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area to prevent accumulation of dust. Sweep up spilled material and place in a properly marked closed container for reuse or disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: None required under normal use, otherwise, chemical resistant.
Eye Protection: None required under normal use, otherwise, chemical goggles.
Other Protective Equipment: Eyewash station.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DRAIN AWAY  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT FORMULATION: Alkaline Solution  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 255  HEALTH: 3  FLAMMABILITY: 0  REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>40.0-50.0</td>
<td>2mg/m3C</td>
<td>2mg/m3C</td>
<td>Y</td>
</tr>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-58-3</td>
<td>1.00-10.0</td>
<td>2mg/m3C</td>
<td>2mg/m3C</td>
<td>Y</td>
</tr>
</tbody>
</table>

KEY:  PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit  N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No 302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4) 355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355) 372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: 14.00
- Solubility in Water: Soluble
- Specific Gravity (water = 1): 1.48
- Vapor Pressure (mm Hg): N/D
- VOC Content (% by weight): N/D
- Appearance/Odor: Clear to slightly hazy viscous liquid; low odor

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (F): N/A  (TEST METHOD): Closed Cup
- Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
- Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical
- Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: Application of water to this material can cause violent exothermic reactions. Contact with some metals (including tin, zinc, aluminum) may produce flammable hydrogen gas.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong acids, tin, zinc, aluminum, organic halogen compounds and organic nitro compounds.
- Conditions to Avoid: Mixing this material with water can cause violent exothermic reactions.
- Hazardous Decomposition Products: Contact with some metals (including tin, zinc, aluminum) may produce flammable hydrogen gas.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:    Inhalation: X    Eyes: X    Skin: X    Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Corrosive - causes severe irritation, redness and destruction of tissue. Small quantities can result in permanent damage and loss of vision, possibly leading to blindness.
   Skin: Corrosive - causes severe irritation, burns, ulcerations. Severity is dependent upon length of exposure
   Ingestion: DANGER - may be fatal if swallowed. Causes burns to mouth, esophagus, stomach and other tissues which contact is prepared. Severity is dependent upon amount of product exposed to.
   Inhalation: May cause burns to upper respiratory tract and lung tissue depending upon length of exposure. Pneumonitis can result from severe exposure.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
   Skin: Remove contaminated clothing and launder separately before reuse. Flush area with water for 15 minutes. Obtain medical attention.
   Ingestion: Contact physician or poison control center immediately. Give affected person 2 to 3 glasses of water or milk. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air. If breathing stops, administer artificial respiration. If breathing is difficult, give oxygen.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant

Eye Protection: Chemical goggles and/or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from acids and reactive chemicals. Do not mix with any other cleaning chemicals. Never add water to this product, always add this product to water, slowly stirring. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Corrosive liquids, basic, n.o.s. (sodium hydroxide, potassium hydroxide).

DOT CLASS: 8      DOT ID NUMBER: UN3266      DOT PACKING GROUP: II

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—CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ 85012 PH (602) 230-0012 FAX (602) 230-7444—
MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: EARTH FORMULA
PRODUCT DESCRIPTION: Concentrated Cleaner Degreaser
PRODUCT CODE: 010

Contains no hazardous components under current OSHA definitions. This material mixture formula is a trade secret and complies with 29CFR XVII-1910. 1200 Section (i) “TRADE SECRETS”. This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be: non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION II. HAZARDOUS INGREDIENTS

SECTION III. PHYSICAL DATA

Boiling Point @ 1ATM deg C: 93.4
Vapor Density (AIR = 1): .62
Appearance/Odor: Dark green
Evaporation Rate: .7

Vapor Pressure @ 20C (mm Hg): 17.5
Solubility in Water: COMPLETE
Specific Gravity (H2O = 1): 1.010 at 20° F
pH Range (Concentrate): 10.7

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: Non-flammable; decomposed at 110°C without flame using Pensky-Martens Closed Tester 211.7-1979
Flammable Limits: LEL=N/A UEL=N/A
Extinguishing Media: OK with CO2, Sand, Dry Chemical, Foam, Water.
Special Fire Fighting Procedures: Water may be used to cool containers involved with fire.
Unusual Fire and Explosive Hazards: Poses no unusual fire or explosive hazards.

SECTION V. REACTIVITY DATA

Stability: This is a totally stable compound
Incompatability: This material will neutralize most acids.
Conditions to Avoid: None Known
Hazardous Decomposition: None known. It is not combustible.
Hazardous Polymerzation: It will not undergo hazardous polymerzation.
SECTION VI. HEALTH HAZARD DATA

Emergency/First Aid Procedures:

Eye Contact: In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo.

Skin Contact: When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply hand cream.

Inhalation: No health effects are known to occur from inhalation of this material under normal use in a normally vented area.

Ingestion: Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.

SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

Spill Response: Area may become slippery. Flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.

Product Disposal: May be flushed in any sewer drain for disposal.

Container Disposal: Rinse used containers with water and recycle.

Other Precautions: If exposed to low temperatures (below 32°F), product may statify. If so, mix before using.

SECTION VIII. CONTROL MEASURES

Precautionary measures needed: Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical.

KEEP OUT OF REACH OF CHILDREN.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Total Solutions /Pioneer Research  P.O. Box 240014  Milwaukee WI 53224

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-424-9300

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS ELIMINATOR
PRODUCT FORMULATION: Water Based Non-Selective
PRODUCT CODE: 145

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

| SUBSTANCE | CAS#     | APPROX % | OSHA TLV | ACGIH TLV | EPA 40 CFR:
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Diquat Dibromide</td>
<td>[6,7-dihydrodipyrido (1,2-a:2', 1'-c) pyrazinedium dibromide] 85-00-7</td>
<td>1.85</td>
<td>0.5mg/m3</td>
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</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 4.0-6.0
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.01  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear, light yellow liquid; characteristic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Fire may produce hazardous vapors.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong alkalis and anionic wetting agents. Corrosive to aluminum.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon. Combustion or thermal decomposition will evolve toxic and irritant vapors.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Moderate irritation, redness, tearing and blurred vision.
Skin: Irritation and sensitization with prolonged or repeated exposure.
Ingestion: Gastrointestinal irritation, nausea, abdominal pain, vomiting.
Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
Skin: Remove contaminated clothing and launder before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything to an unconscious person
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breath vapors or mists. If recommended exposure limits are exceeded wear a NIOSH approved respirator following manufacturers recommendations.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety goggles and/or face shield.
Other Protective Equipment: Eyewash station, protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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NOTICE:

DOT

Eye

Ventilation:

Waste material and place in a properly marked closed container for proper disposal.

Steps

First

Primary

PRODUCT

Conditions

Stability:

Gear

Special

Flash

Appearance/Odor:

KEY:

145 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

N/A = Not Applicable

372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: ENSOLV
PRODUCT DESCRIPTION: Sewer Degreaser
PRODUCT CODE: 299

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol CAS# 67-63-0</td>
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<td>400 ppm</td>
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</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 210° F
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/
Solubility in Water: COMPLETE
Specific Gravity (H2O = 1): 0.95
Freezing Point: N/A
Evaporation Rate: N/A
Appearance/Odor: Pale yellow liquid, characteristic orange odor
Viscosity: 50 cps
pH: 8.5 to 8.8
Volatile Organic Compounds: 0.2 lbs/gal

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: None closed cup
Flammable Limits: N/A
Extinguishing Media: Water, foam, CO2, dry chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosive Hazards: N/A

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Material to avoid): Strong oxidizers
Hazardous Decomposition: CO and CO2 products
Hazardous Polymerization: Will Not Occur
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: No  Skin: No  Ingestion: Yes

Health Hazards (Acute and Chronic): Possible diarrhea, if ingested. May irritate eyes.

Carcinogenicity:  NTP: No  ARC Monographs: No  OSHA Regulated: No

Sign and Symptoms of Exposure: Mild skin irritation, slight redness to skin, tearing of eyes. May cause indigestion

Medical Conditions Generally Aggravated by Exposure: Dermatitis

Emergency/First Aid Procedures:

- Eyes: Flush with large amounts of water for at least 15 minutes and see physician if irritation persists.
- Ingestion: Call physician or Poison Control Center. Give several glasses of water. NEVER give anything by mouth to an unconscious person.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Absorb with earth, sand or similar material and dispose of with solid waste in compliance with Local, County, State and Federal regulations.


SECTION VIII. CONTROL MEASURES

Precautionary measures are needed. Any normal ventilation is adequate. Protective equipment: chemical goggles or safety glasses for eye protection; impervious gloves and impervious clothing. Wash contaminated clothing before wearing. Avoid contact with eyes and skin. Store away from direct sunlight and away from extremes of heat and cold. Do not use welding or cutting torches on containers, empty or full. As with any chemical.

KEEP OUT OF THE REACH OF CHILDREN
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: ENVIRO PRO
PRODUCT DESCRIPTION: Concentrated Cleaner/Degreaser
PRODUCT CODE: 060

SECTION II. HAZARDOUS INGREDIENTS

This material is non-hazardous and non-polluting to the environment as defined in 29CFR 1901.1200.
Contains Sodium Metasilicate (Cas# 6834-92-0) <5%

NOTE: The only hazard associated with this product is that it is moderately alkaline and accidental splashing of the concentrate into the eyes could result in severe irritation if it is not quickly and thoroughly rinsed. Consult Section VI for precautions.

SECTION III. PHYSICAL DATA

Boiling Point: >212 Degrees F
Vapor Density (Air = 1): V.O.C. = less than 0.1%
Appearance/Odor: Green liquid; bland odor
Flash Point PMCC: N/A
pH: Approximately 11.9 - 12.0

SECTION IV. FIRE AND EXPLOSIVE DATA

Flammability Data: Not Flammable or explosive

SECTION V. REACTIVITY DATA

Not reactive. Will not polymerize. The mixture is stable under the common conditions of use.

SECTION VI. HEALTH HAZARD DATA

Carcinogenicity: NTP: Not listed
ARC Monographs: Not listed
OSHA Regulated: No

Eye Contact: Concentrate will irritate eyes.
Skin Contact: The product is essentially non-irritating, if rinsed contact with the skin. Prolonged or repeated contact may aggravate any pre-existing dermatitis. In such cases, protective gloves may be used.
Inhalation: No hazardous fumes or vapors are expected from the normal use of this product. Steam application should be in a well ventilated area.
Ingestion: Ingestion of concentrate may cause gastric distress depending on quantity.

Emergency/First Aid Procedures:
Eyes: Flush with water for 5 to 10 minutes. If irritation persists, get medical attention
Ingestion: Drink plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

May be flushed into ground, sanitary or sewage system when properly diluted with water where permitted by local ordinance.

SECTION VIII. CONTROL MEASURES

No special precautions than that to practice standard industrial hygiene procedure. As with any chemical, KEEP OUT OF THE REACH OF CHILDREN. This product for industrial use only.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION NUMBER: 602-230-0012
EMERGENCY CHEM-TEL: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ENVIRO-TERRA CONCENTRATE
PRODUCT FORMULATION: Water Based Cleaner Concentrate
PRODUCT CODE: 135

NFPA HAZARD IDENTIFICATION SYSTEM:
- HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

DOT ID NUMBER:

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 302</th>
<th>355</th>
<th>372</th>
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<tr>
<td>Organic Salt</td>
<td>506-89-8</td>
<td>10.0-20.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
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</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: 0.2-1.2
- Vapor Density (AIR = 1): N/D
- Specific Gravity (water = 1): 1.03
- VOC Content (% by weight): <1.00
- Appearance/Odor: Clear, dark green liquid; pleasant odor
- Solubility in Water: Soluble
- Vapor Pressure (mm Hg): N/D
- Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (°F): N/A
- (TEST METHOD): Closed Cup
- Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
- Extinguishing Media: Water Spray, Carbon Dioxide, Dry Chemical
- Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: Hydrogen gas may be released upon contact with certain metals at sustained temperatures above 140°F.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong oxidizers and alkalis, chlorates, nitrates.
- Conditions to Avoid: Excess heat and open flame.
- Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, nitrogen and chlorine.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: May be painful and irritating.
- Skin: Irritation with repeated or prolonged exposure. Non-corrosive to skin.
- Ingestion: May be harmful if ingested.
- Inhalation: Irritation to the respiratory tract if inhaled as a mist.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention
- Ingestion: Contact physician or poison control center immediately. Give affected person 3 to 4 glasses of water to dilute. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant gloves are recommended.
Eye Protection: Safety glasses or chemical goggles are recommended.
Other Protective Equipment: Protective clothing, safety shower and eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place away from alkaline products. Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION NUMBER: 602-230-0012
EMERGENCY CHEM-TEL: 1-800-255-3924


SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: ENVIROCARE
PRODUCT CLASS: Asphalt Release Agent
PRODUCT CODE: 150

SECTION II. HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS: No toxic chemical(s)

SECTION III. PHYSICAL DATA

Boiling Point: >212 Deg. F Odor: Bland
Specific Gravity: 1.02 Flash Point: >350 Deg. F
VOC: 1% FP (clid pt): 45 Deg. F
PH 1%: 8.5 - 9.2 Vapor Pressure: N/A

SECTION IV. FLAMMABILITY AND REACTIVITY DATA

Non-flammable. Non reactive - will not polymerize

SECTION V. HEALTH HAZARD DATA

Carcinogenicity: NTP - Not listed IARC Monographs - Not listed OSHA Regulated - Not regulated

Eyes Contact: Flush with running water for 5 minutes. If blurred vision persists, go to physician
Skin Contact: Prolonged or repeated contact with this product may cause irritation. Occasional, brief skin contact followed by thorough water rinse will not generally cause irritation. Rinse all contaminated clothing with water before use.
Inhalation: No hazards are expected from the normal use of this product. Spray application should always be in a well ventilated area. Avoid standing in direction of fumes given off when sudden heat is applied to this product.
Ingestion: Never give anything by mouth to an unconscious person. If conscious, give plenty of water. Do not induce vomiting. Get medical attention.

SECTION VI. SPILL, LEAK, DISPOSAL

This product when adequately diluted with water may be flushed into ground, sanitary, or sewage system where permitted by law. Always check local ordinance.

SECTION VII. SPECIAL PRECAUTIONS

No special precautions other than to use acceptable, safe, standard industrial practice.
RECOMMENDED: EYE PROTECTION WHEN HANDLING CONCENTRATE.

KEEP OUT OF THE REACH OF CHILDREN.
RECOMMENDED: EYE PROTECTION WHEN HANDLING CONCENTRATE.

Always

This product when adequately diluted with water may be flushed into ground, sanitary, or sewage system where permitted by law.

Ingestion:

Avoid ingestion. If swallowed, give plenty of water. Contact physician.

Inhalation:

Avoid breathing in. If inhaled, get plenty of fresh air. If not breathing, give artificial respiration. Consult physician.

Skin

In case of contact with skin, wash thoroughly with water.

Wear rubber gloves when handling. If skin irritation occurs, consult physician.

Carcinogenicity:

Not listed as a carcinogen by IARC, NTP, or OSHA.

Non-flammable. Non reactive - will not polymerize.

PH

1%:

Gravity:

Boiling Point:

8.5

1%:

VOC:

Specific Gravity:

- Vapor Pressure:

Flash Point:

1.02

Gravity:

Deg.

1.02

Gravity:

8.5

Deg. F

Deg. F

FLAMMABILITY

N/A

-IBP:

F:

FP:

8.5

IBP:

110

110

F:

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IBP:

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS EXTINCT
PRODUCT FORMULATION: Water Based Contact and Residual Insecticide Concentrate
PRODUCT CODE: 845

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted.

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
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<tbody>
<tr>
<td>Permethrin</td>
<td>52645-53-1</td>
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<td>N/E</td>
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<tr>
<td>Petroleum Distillates</td>
<td>64742-47-8</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
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</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 5.5-6.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.00  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Opaque white liquid; characteristic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200  (TEST METHOD): TCC
Flammability Limits in Air (Volume %): Upper: N/E Lower: N/E
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Keep nearby containers cool with water stream.
Unusual Fire and Explosion Hazards: None known.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizers, acids and alkalis.
Conditions to Avoid: None known.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, nitrogen oxides, chlorine and hydrogen chloride.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None known.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
   Eyes: Can cause temporary irritation, tearing and blurred vision.
   Skin: Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.
   Ingestion: Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can cause nervous system disorders such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to sever pulmonary injury, possibly progressing to death.
   Inhalation: Irritation to upper respiratory tract, nausea and nervous disorders.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Remove contact lenses, if present, after the first five minutes then continue washing eye. Obtain immediate medical attention if irritation persists.
   Skin: Remove contaminated clothing and launder separately before reuse. Flush skin thoroughly with soap and water. If irritation persists, obtain medical attention.
   Ingestion: Contact physician or poison control center. Rinse mouth out with water followed by a cup of water to dilute material. Do not induce vomiting due to aspiration hazard unless instructed by a physician or poison control center. Never give anything to an unconscious person. Obtain immediate medical attention.
   Inhalation: Remove person to fresh air. Administer artificial respiration if breathing has stopped. Obtain medical attention.

Note to Physician: This product poses an aspiration pneumonia hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Do not breath vapors or mists.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Avoid contamination of water, feed or seed by storage or disposal. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained= from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
MATERIAL SAFETY DATA SHEET PAGE 1 OF 2 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research 3110 N 19th Ave Suite 200 Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012
CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: FIBERSET FT, FIBERSET PM
PRODUCT FORMULATION: Encapsulant

HMIS HAZARD RATING
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 0 PHYSICAL HAZARD 0
PERSONAL PROTECTION CODE: A-Safety Glasses

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
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<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>&lt;2.0</td>
<td>ACGIH TWA 10mg/m3</td>
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</table>

SECTION III. PHYSICAL DATA

Boiling Points of Major Constituent (Water): 212°F
Melting Point Water (Ice): 32°F
Vapor Density (AIR = 1): Heavier
Solubility in Water: Total
Specific Gravity (water = 1) Wgt/gal: 8.5
Vapor Pressure (mm Hg) @ 68°F: 17
Maximum VOC’s: 100g/l (0.83lbs/gal)
Evaporation Rate (Butyl Acetate = 1): Slower
Appearance/Odor: Liquid; slight odor

SECTION IV. FIRE AND EXPLOSION DATA (Non-flammable)

Flash Point (F): Non-combustible
Flammability Limits: LEL: N/A UEL: N/A
DOT Hazard Class: Not regulated
Marking: “Keep from freezing”

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizing agents - e.g. nitric acid, permanganates, etc.
Hazardous Decomposition Products: Some carbon monoxide.
Hazardous Polymerization: Will not occur.

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: N/A Carcinogenicity: No Health Hazards (Acute and Chronic): N/A

Effects of Overexposure:
- Eyes: Direct contact - inconsequential eye irritation.
- Skin: Prolonged or repeated contact with coating may cause slight skin irritation.
- Inhalation: Vapors or spray mists may be slightly irritating to eye, nose, throat and mucous membranes of respiratory tract producing symptoms of headache, nausea in poorly ventilated areas.

First Aid Procedures:
- Eyes: Immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.
- Skin: Wash thoroughly with soap and water. If drenched, remove and wash clothing before reuse.
- Inhalation: Remove person to fresh air.
- Ingestion: Contact physician immediately. If victim is conscious, give 2 glasses of water. Never give anything to an unconscious person. Treat symptomatically.
Toxicity Information: The effects of overexposure shown in Section VI are based on acute toxicity profiles for a number of
special emulsions that are compositionally similar to this product. Typical values are: Rat, oral LD 50 > 5.0 g/kg; Rabbit, dermal LD
50 > 5.0 g/kg, skin irritation: practically non-irritating - 72 hours Mean Irritation Score = 0 to 2. Rabbit, eye irritation: inconsequentially
irritating.

SUPPLEMENTAL INFORMATION
To comply with New Jersey DOH Right-to-Know labeling law (N.J.A.C. 8:59 - 5.1 and 5.2

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<td>7732-18-5</td>
<td>Water</td>
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<td>57-55-6</td>
<td>Propylene glycol</td>
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<td>Acrylic resin solids</td>
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<tr>
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</table>

SECTION VII. CONTROL MEASURES

Respiratory Protection: None required if good ventilation is maintained. Wear respirator (MSHA/NIOSH approved or equivalent)
suitable for concentrations and types of are contaminants encountered. Use approved chemical/mechanical filters designed to
remove particulates in open and restricted ventilation areas. Use MSHA/NIOSH approved airline type respirators or hood in confined
areas.

Ventilation: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below
applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29CFR Part 1910.94.

Protective Gloves: impervious gloves should be worn if prolonged skin contact is likely. Use neoprene or rubber gloves to
prevent prolonged skin contact.

Eye Protection: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSIZ-87.1 or approved
equivalent).

Other Protective Equipment: Use disposable or impervious clothing if work clothing contamination is likely. Use protective
cream if prolonged skin contact is likely.

Hygienic Practices: Wash hands before eating, smoking or using the washroom. Food or beverages should not be consumed
anywhere this product is being used.

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case of Spill or Leak: Keep unnecessary people away. Floor may be slippery; use care to avoid
falling. Dike and contain material with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid
diking material to separate containers for disposal. Keep spills and runoff out of municipal sewers and open bodies of water.

Waste Disposal Method: The coating and any contaminated diking material should be thoroughly air dried and collected into
drums. The drums should then be sealed and properly labeled with waste designation and landfill or incinerated according to current
local, state and federal regulations.

Precautions for Handling and Storage: Maximum storage temperature 100F. Keep closure tight and container upright to
prevent leakage. Precautionary Labeling: "Keep from freezing".

Other Precautions: Do not get in eyes. Avoid skin contact. Prevent prolonged or repeated breathing of vapors or spray mists.
Do not handle until the manufacturer's safety precautions and label instructions have been read and understood. Avoid breathing
sanding dust.

References:

2. American Conference of Governmental Industrial Hygienists, "TLV's and Biological Exposure Indices" for the current year
   (published annually).
MATERIAL SAFETY DATA SHEET PAGE 1 OF 1 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: FLEET MASTER
PRODUCT DESCRIPTION: Super Safe Vehicle Wash
PRODUCT CODE: 075

SECTION II. HAZARDOUS INGREDIENTS

This material is non-hazardous and non-polluting to the environment as defined in 29CFR 1901 1200

NOTE: The only hazard associated with this product is that it is moderately alkaline and accidental splashing of the concentrated into the eyes could result in severe irritation if it is not quickly and thoroughly rinsed. Consult Section VI for

SECTION III. PHYSICAL DATA

Boiling Point: 212 Degrees F Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A Solubility in Water: COMPLETE
Appearance/Odor: Green liquid; bland odor Specific Gravity (H2O = 1): 1.005/20C
Flash Point PMCC: >300F LEL/VEL: N/A
pH: Approximately 10-10.2

SECTION IV. FIRE AND EXPLOSIVE DATA

Flammability Data: Not Flammable or explosive

SECTION V. REACTIVITY DATA

Not reactive. Will not polymerize. The mixture is stable under the common conditions of use.

SECTION VI. HEALTH HAZARD DATA

Carcinogenicity: NTP: No ARC Monographs: No OSHA Regulated: No

Eye Contact: Concentrate may irritate eyes.
Skin Contact: The product is essentially non-irritating, but may aggravate any pre-existing dermatitis. In such cases, protective gloves may be used.
Inhalation: No hazardous fumes or vapors are expected from the normal use of this product. Steam application should be in a well ventilated area.
Ingestion: Ingestion of concentrate may cause gastric distress depending on quantity.

Emergency/First Aid Procedures:
   Eyes: Flush with water for 5 to 10 minutes. If irritation persists, get medical attention
   Ingestion: Drink plenty of water. Get medical attention, if symptoms persist.

SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

May be flushed into ground, sanitary or sewage system when properly diluted with water where permitted by local ordinance.

SECTION VIII. CONTROL MEASURES

No special precautions other than to practice standard industrial hygiene procedure. As with any chemical, keep out of the reach of children. This product for industrial use only.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: FLOWING LIFT STATION DEGREASER
PRODUCT FORMULATION: Citrus Based Degreaser
PRODUCT CODE: 381

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>58989-27-5</td>
<td>&gt;90.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value
C = Ceiling Level  
STEL = Short Term Exposure Limit
N/A = Not Applicable  
N/D = Not Determined
N/E = Not Established
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point:</td>
<td>175.5-176 °F</td>
</tr>
<tr>
<td>Vapor Density (Air = 1):</td>
<td>N/D</td>
</tr>
<tr>
<td>Specific Gravity (water = 1):</td>
<td>0.84</td>
</tr>
<tr>
<td>VOC Content (% by weight):</td>
<td>90.0</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Clear, reddish-orange liquid; citrus odor</td>
</tr>
<tr>
<td>pH:</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>2.0</td>
</tr>
<tr>
<td>Evaporation Rate (water = 1):</td>
<td>&gt;1.0</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°F):</td>
<td>115 (TEST METHOD): Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %):</td>
<td>6.1 Upper; 0.7 Lower</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Foam, Carbon Dioxide, Dry Chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures:</td>
<td>Firefighters should be equipped with full protective gear including self contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>Use water spray to cool fire-exposed containers. Solvent vapors may cause flashbacks. Guard against spontaneous combustion of improperly disposed oily rags.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid):</td>
<td>Strong oxidizing and acidic agents, peroxides, halogens, vinyl chloride, and iodine pentfluoride.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>Heat, sparks or open flame.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>Thermal decomposition may produce oxides of carbon.</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None.</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
  Eyes: Moderate to high irritation, redness, tearing.
  Skin: Irritation, drying, defatting, dermatitis with repeated or prolonged contact. Contains a potential skin sensitizer.
  Ingestion: Harmful if swallowed. Gastrointestinal irritation, nausea, vomiting, diarrhea.
  Inhalation: Irritation of the nose, throat and respiratory tract, coughing and headache.

Emergency and First Aid Procedures:
  Eyes: Remove contacts, if applicable. Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  Skin: Remove contaminated clothing and launder before re-use. Wash with large amounts of soap and water. If irritation persists, obtain medical attention
  Ingestion: Contact physician or poison control center immediately. Do not induce vomiting Rinse mouth with water and then drink one glass of water. Never give anything to an unconscious person.
  Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ignition. Contain spill. Soak up with inert absorbent material and place in a properly labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended Mechanical - Recommended

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: Protective clothing, eye wash and shower station.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Do not cut or weld on empty containers as they may contain combustible residue.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None DOT CLASS: None
DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: FUSE IT
PRODUCT TYPE: Epoxy Resin - Part A - Base
PRODUCT CODE: 100

HMIS HAZARD CODE
0-Minimal 1-Slight 2-Moderate 3-Serious 4-Extreme
HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0
EQUIPMENT: H (Gloves, Goggles, Apron, Respirator)

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>%</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy</td>
<td>25068-38-6</td>
<td>100</td>
<td>&lt;1 mm/Hg</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 410°F
Vapor Pressure (mm Hg): <1 mm/Hg
Material VOC: 0 gm/Lt
Appearance and Odor: Clear liquid; mild odor

Solubility in Water: No Information
Vapor Density (AIR = 1): Heavier than air
Evaporation Rate: N/A
Specific Gravity: 1.1

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 400°F
Method Used: SFCC
Flammability Limits in Air by Volume: LEL- N/A UEL - N/A (N/A = Not Applicable)
Extinguishing Media: Water, carbon dioxide, dry chemical, foam.
Special Fire Fighting Procedures: Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Under fire conditions irritating and/or toxic gases may be present.
Unusual Fire and Explosion: None

SECTION V. REACTIVITY DATA

Conditions to Avoid: Avoid contact with acids and oxidizing agents
Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen
Hazardous Polymerization: May Occur

SECTION VI. HEALTH HAZARD DATA

Effects of Overexposure:
Acute Overexposure: Irritant to skin, eyes and respiratory tract.
Chronic Overexposure: Prolonged contact with skin can result in dermatitis and swelling.
Eye Contact: Harmful - seek medical attention.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency/First Aid Procedures:
Eyes: Flush immediately with large volumes of water for at least 15 minutes. Take to physician for medical treatment
Ingestion: Consult physician or Poison Control Center immediately
Skin Contact: Wash well with soap and water

CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ. 85012 PH (602) 230-0012 FAX (602) 230-7444
SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources. Stop spill at source.

Product Disposal: Place in closed containers. Do not close containers tightly as gassing may develop in some products. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

SECTION VII. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NIOSH approved chemical/mechanical filter designed to remove a combination of particulates and vapor where concentrations are encountered.

Ventilation: Local exhaust preferable. Mechanical exhaust acceptable.

Protective Gloves: Neoprene or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: FUSE IT
PRODUCT TYPE: Epoxy Resin- Part B - Reactor
PRODUCT CODE: 100

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>%</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tafa-Polyethylene Amine</td>
<td>112-57-2</td>
<td>50</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Coal Tar Mixture</td>
<td>8007-45-2</td>
<td>25</td>
<td>5.15 mm/Hg</td>
</tr>
<tr>
<td>Fatty Admioamine Resin</td>
<td>68082-29-1</td>
<td>25</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 320-410°F
Vapor Pressure (mm Hg): <1 mm/Hg
Material VOC: 0 gm/Lt
Appearance and Odor: Black coal tar liquid

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 200°F
Method Used: SFCC
Flammability Limits: LEL: N/A UEL: N/A (N/A = Not Applicable)
Extinguishing Media: Water, carbon dioxide, dry chemical or foam
Special Fire Fighting Procedures: Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Under fire conditions irritating and/or toxic gases may be present.
Unusual Fire and Explosion: None

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: May Occur
Conditions to Avoid: Avoid contact with acids and oxidizing agents
Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen

SECTION VI. HEALTH HAZARD DATA

Effects of Overexposure:
Acute Overexposure: Irritant to skin, eyes and respiratory tract.
Chronic Overexposure: Prolonged contact with skin can result in dermatitis and swelling.
Eye Contact: Harmful - seek medical attention.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency/First Aid Procedures:
Eyes: Flush immediately with large volumes of water for at least 15 minutes. Take to physician for medical treatment
Ingestion: Consult physician or Poison Control Center immediately
Skin Contact: Wash well with soap and water
SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources. Stop spill at source.

Product Disposal: Place in closed containers. Do not close containers tightly as gassing may develop in some products. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

SECTION VII. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NIOSH approved chemical/mechanical filter designed to remove a combination of particulates and vapor where concentrations are encountered.

Ventilation: Local exhaust preferable. Mechanical exhaust acceptable.

Protective Gloves: Neoprene or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research/Total Solutions  3110 N 19th Ave Suite 200  Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012
CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: GEL MOLD AND MILDEW STAIN REMOVER

PRODUCT FORMULATION: Water based ready to use

PRODUCT CODE: 691

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hypochlorite</td>
<td>7681-52-9</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-73-2</td>
<td>&lt;2.0</td>
<td>2mg/m3C</td>
<td>2mg/m3C</td>
<td>Y N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D
Vapor Pressure (mm Hg): N/D
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Appearance/Odor: Translucent gelled liquid; slight chlorine odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): N/A  Test Method: Closed Cup
Flammability Limits in Air (Volume %): LEL: N/A  UEL: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical.
Special Fire Fighting Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazard: Heat and acid contamination will produce irritating and toxic fumes. May decompose, generating irritating chlorine gas.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility: Strong acids, reducing agents, organic material, cellulose, oxidizable materials, ammonia, urea, ammonium salts, ethyleneimine, cyanides, nitrogen compounds, alcohols, metals and metal oxides.

Conditions to Avoid: Keep away from high heat and sunlight or ultra violet light.

Hazardous Decomposition Products: Thermal decomposition may produce chlorine, sodium oxide, oxygen, oxides of chlorine, sodium chlorate and hydrogen.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry  Inhalation: X  Eye Contact: X  Skin Contact: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Moderate to severe irritation, redness and possible burns.
- Skin: Redness, dryness and irritation with prolonged or repeated contact.
- Ingestion: Irritation and corrosion of mucous membranes, gastrointestinal irritation, nausea, vomiting.
- Inhalation: Irritation to upper respiratory tract.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Flush with water for at least 15 minutes while removing clothing. Wash clothing separately before reuse. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a physician or poison control center. Give affected person several glasses water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

Ventilation: Local: Recommended  Mechanical: Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or goggles.

Other Protective Equipment: Eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use. Do not mix with any other cleaning chemical. Rinse container thoroughly before discarding.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (potassium hydroxide, sodium hydrochlorite)

DOT CLASS: 8  DOT ID NUMBER: NA 1760  DOT PACKING GROUP: II

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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 damages

accuracy

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than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging,

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more

material and place in a properly marked closed container for proper disposal.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: GLASS CLEANER CONCENTRATE
PRODUCT DESCRIPTION: Water Based Glass Cleaner
PRODUCT CODE: 201

NFPA HAZARD IDENTIFICATION SYSTEM:
- HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

VALUES REPORTED AS TWA UNLESS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA TLV</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: N/D
- Vapor Density (AIR = 1): N/D
- Specific Gravity (water = 1): 1.00
- VOC Content (% by weight): <1.00
- Appearance/Odor: Clear, light blue liquid; grapefruit odor.
- Solubility in Water: Soluble
- Vapor Pressure (mm Hg): N/D
- Evaporation Rate (water = 1): ~1.0

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (F): None
- Flammability Limits in Air (Volume %): Upper: N/A, Lower: N/A
- Extinguishing Media: Water, foam, carbon dioxide, dry chemical
- Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong acids.
- Conditions to Avoid: None
- Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and ammonia.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry Inhalation: X Eyelash Contact: X Skin Contact: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: May cause mild to moderate irritation and redness.
- Skin: May cause irritation, dryness with prolonged or repeated contact.
- Ingestion: Gastrointestinal irritation, nausea, cramps and diarrhea.
- Inhalation: No effects expected when used as directed.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Wash thoroughly with water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Rinse mouth with water. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or recover for reuse.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: None required under normal use, otherwise chemically resistant gloves.
Eye Protection: None required under normal use, otherwise, safety glasses.
Other Protective Equipment: None

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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Precautions

Eye

First

Ingredients

Conditions

Incompatibility

Flammability

Appearance/Odor:

VOC

Specific

Vapor

Boiling

MATERIAL

oxygen.

Inhalation:

unconscious

irritation

Skin:

Eyes:

Inhalation:

Gloves:

Protection:

SAFETY

CONFIDENTIAL

use.

Point

Gear

Flammable

NFPA HAZARD IDENTIFICATION SYSTEM:

0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>20.0-30.0</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>n-Methyl Pyrrolidone</td>
<td>872-50-4</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>106-65-0</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:

PEL = Permissible Exposure Limit
TLV = Threshold Limit Value
C = Ceiling Level
STEL = Short Term Exposure Limit
N/A = Not Applicable
N/D = Not Determined
N/E = Not Established
Y = Yes
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A
pH: N/A
Vapor Density (Air = 1): N/A
Solubility in Water: Emulsifiable
Specific Gravity (water = 1): 1.04
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 5.0-15.0
Evaporation Rate (water = 1): N/D
Appearance/Odor: White, opaque thickened liquid; sweet odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong acids and alkalis.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbons.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Mild to moderate irritation, redness, tearing, swelling and burning sensation.
- Skin: Moderate irritation, redness, dryness and blistering.
- Ingestion: Gastrointestinal irritation. Small amounts may be aspirated into the lung during vomiting.
- Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Remove contaminated clothing separately before reuse. Wash affected area with water for at least 15 minutes. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Rinse mouth with water. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person.
- Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
- Ventilation: Local - Recommended Mechanical - Not required
- Protective Gloves: Chemical resistant.
- Eye Protection: Chemical goggles or face shield.
- Other Protective Equipment: Eye wash station.
- Precautions for Handling and Storage: Store in a cool, dry place away from open flame. Keep container tightly closed when not in use. Wash hands before eating, drinking, smoking or using toilet facilities.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: GRAFFITI WIPES
PRODUCT FORMULATION: Premoistened Graffiti and Paint Removal Towel
PRODUCT CODE: 1447

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>50.0-60.0</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
<tr>
<td>n-Methyl Pyrrolidone</td>
<td>872-50-4</td>
<td>15.0-25.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N Y N N</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>106-65-0</td>
<td>15.0-25.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Linear Alcohol Ethoxylate</td>
<td>34398-01-1</td>
<td>&lt;3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A       pH: N/A
Vapor Density (AIR = 1): N/D       Solubility in Water: Negligible*
Specific Gravity (water = 1): 1.08* Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 15.0-20.0* Evaporation Rate (water = 1): N/D
Appearance/Odor: Purple cloth impregnated with a clear, water-white liquid; mild odor

*Tested using the liquid component of the towelette

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200° (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong acids and alkalis.
Conditions to Avoid: Excess heat and open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: 

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Redness, dryness and irritation, with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
- Ventilation: Local: Recommended Mechanical: Not required
- Protective Gloves: Chemical resistant
- Eye Protection: Safety glasses
- Other Protective Equipment: None
- Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
- DOT CLASS: None
- DOT ID NUMBER: None
- DOT PACKING GROUP: None

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Precautions

Section I. Identification of Product

Product Name: H2OUT EPOXY UNDERWATER PATCH

HMIS Hazard Code:

Hazardous Ingredients

Aromatic Alcohol 68155-17-9 30-50 N/E
Salicylic Acid 111-40-0 4-10 10 ppm (skim)
Cycloaliphatic Diamine 2855-13-2 35-60 N/E

Section II. Physical Data

Boiling Point: 400°F

Vapor Density (AIR = 1): Heavier than air

% Volatile by Vol: No Data

Weight per gallon: 8.1lbs

Appearance/Odor: Clear, amine odor

Vapor Pressure (mm Hg): <1 mm hg

Section III. Fire and Explosive Data

Flash Point: 450°F

Method Used: TCC

Flammability Limits: LEL - N/A  UEL - N/A (N/A = Not Applicable)

Extinguishing Media: Water, carbon dioxide, dry chemical or foam

Dot Classification: Resin compound; not regulated

Section IV. Reactivity Data

Stability: Stable

Hazardous Polymerization: May Occur

Conditions to Avoid: Avoid contact with acids and oxidizing agents

Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen

Section V. Health Hazard Data

Effects of Overexposure:

Acute Overexposure: Irritant to skin, eyes and respiratory tract.

Chronic Overexposure: Prolonged contact with skin can result in dermatitis and swelling.

Eye Contact: Harmful - seek medical attention.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency/First Aid Procedures:

Eyes: Flush immediately with large volumes of water for at least 15 minutes. Take to physician for medical treatment

Ingestion: Consult physician or Poison Control Center immediately

Skin Contact: Wash well with soap and water
SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources. Stop spill at source.
Product Disposal: Place in closed containers. Do not close containers tightly as gassing may develop in some products. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

SECTION VII. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NIOSH approved chemical/mechanical filter designed to remove a combination of particulates and vapor where concentrations are encountered.
Ventilation: Local exhaust preferable. Mechanical exhaust acceptable.
Protective Gloves: Neoprene or nitrile rubber gloves.
Eye Protection: Chemical safety goggles.
Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.

This MSDS is in compliance with the OSHA Hazard Communication Regulation. All the information contained in the MSDS is the latest as the date shown and is offered to the user as a guideline to safety under normal conditions. Follow instructions on the label. Any use or method application not in conformance with this MSDS and product label directions is the total responsibility of the user.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: H2OUT EPOXY UNDERWATER PATCH
PRODUCT TYPE: Epoxy Curing Agent - Part B
PRODUCT CODE: 430

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>% VOLUME</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isophoronediamine</td>
<td>2855-13-2</td>
<td>5-10%</td>
<td>NE</td>
</tr>
<tr>
<td>Silica Sand</td>
<td>14808-60-7</td>
<td>30-40%</td>
<td>10mg/m3 dust</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>5-10%</td>
<td>N/E</td>
</tr>
<tr>
<td>Diathylenetramine</td>
<td>111-40-0</td>
<td>5-10%</td>
<td>N/E</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>80-05-7</td>
<td>3%</td>
<td>N/E</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: N/A
Weight per gallon @ 77°F: 12.75lbs
Vapor Pressure (mm Hg): <1 mm/Hg

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 450°F
Method Used: TCC
Flammability Limits: LEL: N/A UEL: N/A (N/A = Not Applicable)
Extinguishing Media: Water, carbon dioxide, dry chemical, foam.
Dot Classification: ORM-D Consumer Commodity

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: May Occur
Conditions to Avoid: Avoid contact with acids and oxidizing agents
Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen

SECTION VI. HEALTH HAZARD DATA

Effects of Overexposure:
Acute Overexposure: Irritant to skin, eyes and respiratory tract.
Chronic Overexposure: Prolonged contact with skin can result in dermatitis and swelling.
Eye Contact: Harmful - seek medical attention.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency/First Aid Procedures:
Eyes: Flush immediately with large volumes of water for at least 15 minutes. Take to physician for medical treatment
Ingestion: Consult physician or Poison Control Center immediately
Skin Contact: Wash well with soap and water
SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources. Stop spill at source.

Product Disposal: Place in closed containers. Do not close containers tightly as gassing may develop in some products. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

SECTION VII. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NIOSH approved chemical/mechanical filter designed to remove a combination of particulates and vapor where concentrations are encountered.

Ventilation: Local exhaust preferable. Mechanical exhaust acceptable.

Protective Gloves: Neoprene or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Other: Impervious apron and boots; eye wash.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Practice reasonable care and cleanliness in the handling and storage of material. Avoid gross contamination of skin. Wash off skin with soap and water.

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**SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY**

**PRODUCT NAME:** HAND SANITIZING WIPES  
**PRODUCT FORMULATION:** Premoistened Towelette  
**PRODUCT CODE:** 1448

**NFPA HAZARD IDENTIFICATION SYSTEM:**  
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme  
HEALTH: 0  FLAMMABILITY: 3  REACTIVITY: 0

**SECTION II. HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>65.0-75.0</td>
<td>1000ppm</td>
<td>1000ppm</td>
<td>N N N</td>
</tr>
<tr>
<td>Linear Alcohol Ethoxylate</td>
<td>34398-01-1</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

**KEY:**  
PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value  
C = Ceiling Level  
STEL = Short Term Exposure Limit  
N/A = Not Applicable  
N/D = Not Determined  
N/E = Not Established  
Y = Yes  
N = No  
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)  
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)  
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

**SECTION III. PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Density in Air (AIR = 1)</td>
<td>N/D</td>
</tr>
<tr>
<td>Specific Gravity (water = 1)</td>
<td>0.876*</td>
</tr>
<tr>
<td>VOC Content (% by weight)</td>
<td>N/D</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble*</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/D</td>
</tr>
<tr>
<td>Evaporation Rate (water = 1)</td>
<td>&gt;1.0*</td>
</tr>
<tr>
<td>Appearance/Odor: White cloth impregnated with a clear, colorless liquid; mint fragrance</td>
<td></td>
</tr>
</tbody>
</table>

*Tested using the liquid component of the towelette

**SECTION IV. FIRE AND EXPLOSION DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F)</td>
<td>70*</td>
</tr>
<tr>
<td>(TEST METHOD)</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %)</td>
<td>Upper: N/E  Lower: N/E</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, foam, carbon dioxide, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures</td>
<td>Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>Solvent vapors may cause flashback.</td>
</tr>
</tbody>
</table>

**SECTION V. REACTIVITY DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid)</td>
<td>Strong oxidizers.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Excess heat and open flame.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Thermal decomposition may produce oxides of carbon.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None.</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HAND SANITIZING WIPES

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Mild irritation and redness.
Skin: Possible dryness with prolonged contact.
Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
Inhalation: No hazards under normal use.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person one to two glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Remove all sources of ignition. Soak up inert absorbent material and place material in a labeled closed container for disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None is required under normal use. If recommended exposure limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: None.
Eye Protection: None.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Consumer Commodity
DOT CLASS: ORM-D
DOT ID NUMBER: None
DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HEAVY DUTY BOWL CLEANER  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT FORMULATION: Acid Based Cleaner  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 140  HEALTH: 2  FLAMMABILITY: 0  REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15.0-25.0</td>
<td>5ppm C</td>
<td>5ppm C</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Poly (Oxyethylene) Nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:  PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 1.0
VOC Content (% by weight): <1.00  Vapor Pressure (mm Hg): N/D
Appearance/Odor: Clear light green liquid; characteristic acidic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. May produce toxic fumes when heated.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline material, metals and metal salts.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemicals. Do not spray to create mists. Do not heat to create vapors.
Hazardous Decomposition Products: Thermal decomposition may produce CO, CO2, HCl and Cl2.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- Skin: Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- Ingestion: Severe burns to mucous membranes, destruction of tissue, DANGER - May be fatal if swallowed.
- Inhalation: Severe irritation to upper respiratory tract, pulmonary edema, laryngeal spasms.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
- Skin: Remove contaminated clothing. Flush with plenty of cool water for at least 15 minutes and cover exposed area with acid neutralizing solution or moist baking soda. Obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If breathing stops, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with a neutralizing solution.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Recommended

Protective Gloves: Acid resistant

Eye Protection: Safety goggles and/or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Corrosive material. Store in a cool, dry place away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Never add water to this product, always add this product to water, slowly stirring. Keep container tightly closed when not in use. Wash before eating, drinking or smoking.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Hydrochloric Acid).

DOT CLASS: 8  DOT ID NUMBER: UN1760  DOT PACKING GROUP: III

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
MATERIAL SAFETY DATA SHEET

PAGE 1 OF 2

REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HIGH HEAT  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Granular Alkaline Drain Opener  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 616  HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 2

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA</th>
<th>40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>&gt;50.0</td>
<td>2mg/m3 C</td>
<td>2mg/m3 C</td>
<td>Y</td>
<td>N</td>
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<tr>
<td>Sodium Nitrate</td>
<td>7631-99-4</td>
<td>&gt;18.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D  pH: 14.00
Vapor Density (Air = 1): N/D  Solubility in Water: Complete
Specific Gravity (Water = 1): N/D  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/A  Evaporation Rate (Water = 1): N/A
Appearance/Odor: Yellow pellets with aluminum granules; no odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): None  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Foam, carbon dioxide, dry chemical. Do not use water. Water will heat up mixture.
Special Fire Fight Procedures: Move containers from fire if possible without risk. Cool tightly closed containers with water from the side until well after fire is out. Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Runoff may be corrosive. Contain and isolate runoff for proper disposal.
Unusual Fire and Explosion Hazards: Addition of water to this compound will generate heat and hydrogen gas. Product contains oxidizers.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Acids, reducing agents, water. Product will generate large amounts of heat when wetted.
Conditions to Avoid: Moisture.
Hazardous Decomposition Products: Thermal decomposition may produce flammable hydrogen gas upon wetting.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Severe destruction of tissue, possibly resulting in blindness.
Skin: Severe irritation, severe burns and ulcerations.
Ingestion: DANGER-POISON! May be fatal if swallowed. Causes severe burns to mucous membranes, destruction of tissue, burns.
Inhalation: Severe irritation of respiratory tract. Pulmonary edema, laryngeal spasms.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes, or wash with 5% boric acid solution. Obtain medical attention and continue flushing until medical attention arrives.
Skin: Immediately flood skin with water. Remove and launder contaminated clothing before reuse. Wash skin thoroughly with vinegar and water.
Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Give person large quantities of water, followed with citrus fruit juice. Never give anything by mouth to an unconscious person.
Inhalation: Remove person to fresh air. If not breathing, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill and remove all sources of moisture. Sweep up spilled material and place in a properly labeled closed container for reuse or disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dust or vapors. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.
Ventilation: Local - Recommended  Mechanical - Recommended
Protective Gloves: Chemical resistant.
Eye Protection: Safety goggles.
Other Protective Equipment: Emergency shower and eyewash station. Protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Corrosive solid, basic, inorganic, n.o.s. (Sodium Hydroxide)
DOT CLASS: 8
DOT ID NUMBER: UN3262
DOT PACKING GROUP: II

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained= from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: HIGH TRACTION - PART A (BASE) HMIS HAZARD CODE
PRODUCT TYPE: Epoxy Resin - Part A - Base 0-Minimal
PRODUCT CODE: 730 1-Slight

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS #</th>
<th>% BY WGT</th>
<th>ACGIH TLV</th>
<th>CARCINOGENIC</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer of Epichlorohydrin and Bisphenol A</td>
<td>025085-99-8</td>
<td>80-85%</td>
<td>N/E</td>
<td>NO</td>
<td>0.06 mm</td>
</tr>
<tr>
<td>Alkyl Glacial Ether</td>
<td>068609-97-2</td>
<td>15-20%</td>
<td>N/E</td>
<td>NO</td>
<td></td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Range: N/A to N/A°F Freezing Point: N/A °F
Vapor Pressure (mm Hg): N/A mm @ 20°C Vapor Density:
Specific Gravity: 1.1 Solubility in Water: Negligible (0.1%)
Evaporation Rate Relative to n-butyl acetate: Slower % Volatile by Volume: N/A %
Appearance/Odor: Clear liquid; slight odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 450°F (Test Method): Pensky-Martens
Explosive Limits: LEL- N/A UEL (%V in Air) - N/A (N/A = Not Applicable)
Flammability Classifications: OSHA - Combustible Liquid - Class IIIB DOT: Not regulated
Extinguishing Media: Water fog, carbon dioxide, dry chemical, foam
Special Fire Fighting Procedures: Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Under fire conditions, irritating and/or toxic gases may be present.
Unusual Fire and Explosion Hazards: None

SECTION V. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>OSHA PEL</th>
<th>ACGIH TLV (twa)</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mg/m3 ppm</td>
<td>(rbd)</td>
<td>(inh)</td>
</tr>
<tr>
<td>Ingredient Material Description</td>
<td>PERMA PATCH - PART A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION VI. HEALTH HAZARD DATA

Threshold Limit Values: See Section V

Effects of Overexposure:
- **Eyes:** Vapors may irritate eyes. Contact irritating to eyes.
- **Skin:** Contact may cause moderate irritation to skin. May cause skin sensitization and allergic responses. May aggravate existing dermatitis.
- **Inhalation:** Vapors may irritate respiratory tract.
First Aid Procedures:
   Eyes: Immediately flush eyes with plenty of water for 15 minutes and consult a physician.
   Skin: Wash thoroughly with soap and water or waterless hand cleaners. Remove contaminated clothing and wash clothing before reuse.
   Inhalation: Remove person to fresh air. Apply artificial respiration, if necessary. If breathing is difficult, oxygen may be given.
   Ingestion: Drink large quantities of water immediately. Induce vomiting. Contact physician immediately. Never give anything to an unconscious person.

SECTION VIII. REACTIVITY DATA

Stability: Stable
Stability Conditions to Avoid: None
Material to Avoid: Strong oxidizing agents, mineral acids.
Hazardous Decomposition: Oxides of carbon, aldehydes. Toxic monomer fumes and/or short chain hydrocarbons.
Hazardous Polymerization: Will not occur.
Polymerization Conditions to Avoid: None

SECTION IX. SPILL OR LEAK PROCEDURES

Spill Response: Absorb with sand and dispose of in an approved manner. Dike area with sand to contain spilled liquid. Prevent spillage from entering underground water systems. Ventilate area. Flush area with water but do not flush to sewer. Remaining material may be emulsified with soap and water and absorbed. Scoop up contaminated soil and place in dry drum. If transportation spill, call 1-800-255-3924. Large spills may be pumped into closed, but not sealed, containers.
Product Disposal: Empty decontaminated containers should be crushed to prevent reuse. Dispose of in accordance with local environmental authorities.

SECTION X. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NESA/NIOSH approved respirator is highly recommended. Self-contained breathing apparatus in concentrations above PEL/TLV. Avoid breathing possible fumes, mists and vapors which can cause severe respiratory damage. Always work in areas with adequate ventilation to allow dissipation of chemical fumes, and where applicable, solvent fumes.
Ventilation: Provide adequate cross air circulation.
Protective Gloves: Gloves resistant to chemical penetration. Neoprene or rubber gloves.
Eye Protection: Splashproof safety, chemical worker or chemical splash goggles.
Other: Eyewash station, emergency shower. Use of Barrier Cream recommended. Chemical apron, rubber foot covering. Clean long sleeve and leg clothing.

SECTION XI. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store in a cool dry place. Keep away from open flames. Store in tightly closed containers. Store away from food and beverages. Wash thoroughly after handling. Wash before eating, drinking, smoking or using toilet.
Other Precautions: Check all containers for leaks. Avoid prolonged breathing or contact with skin.

KEEP OUT OF REACH OF CHILDREN

Proprietary ingredient - may be made available as provided in 29 CFR 1910.1200 (I). All our proprietary materials are on file with New Jersey Department of Health and the EIN number is provided.

REPORTABLE UNDER SARA TITLE III

Chemical: Epichlorohydrin        CAS#: 106-89-8         Percent: 3ppm         Sections: 313 302 304
TPQ(#) RQ(#)
Y 1000 1000
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: HIGH TRACTION - PART B (REACTOR)
PRODUCT TYPE: Epoxy Curing Agent
PRODUCT CODE: 730

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS #</th>
<th>% BY WEIGHT</th>
<th>ACGIH TLV</th>
<th>CARCINOGENIC</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tofa, Reaction Products w/Tepa</td>
<td>68953-36-6</td>
<td>&gt;52%</td>
<td>N/E</td>
<td>NO</td>
<td>1.0 mm Hg @ 20°C</td>
</tr>
<tr>
<td>Diethylenetriamine</td>
<td>111-40-0</td>
<td>&gt;10%</td>
<td>1</td>
<td>NO</td>
<td>.99 mm Hg @ 20°C</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>112-57-2</td>
<td>&gt;10%</td>
<td>N/E</td>
<td>NO</td>
<td>N/E mm Hg @ 20°C</td>
</tr>
<tr>
<td>Phenol, Nonyl</td>
<td>84852-15-3</td>
<td>&gt;20%</td>
<td>N/E</td>
<td>NO</td>
<td>&gt;1 mm Hg @ 20°C</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>080-005-7</td>
<td>&lt;4%</td>
<td>1.4</td>
<td>NO</td>
<td>N/E mm Hg @ 20°C</td>
</tr>
</tbody>
</table>

(N/E = Not Established)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Boiling Range: N/A to N/A°F</th>
<th>Freezing Point: N/A °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure (mm Hg): 0.9mm @ 20°C</td>
<td>Vapor Density: 7.59 (Heavier than air)</td>
</tr>
<tr>
<td>Specific Gravity: 0.98</td>
<td>Solubility in Water: Negligible (0.1%)</td>
</tr>
<tr>
<td>Evaporation Rate Relative to n-butyl acetate: Slower</td>
<td>% Volatile by Volume: N/A %</td>
</tr>
<tr>
<td>Appearance/Odor: Amber liquid; amine odor</td>
<td></td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSIVE DATA

| Flash Point: 250°F (Test Method): Pensky-Martens |
|-----------------------------|------------------------|
| Explosive Limits: LEL- 1.4 UEL (%V in Air) - N/A (N/A = Not Applicable) |
| Flammability Classifications: OSHA - Combustible Liquid - Class III B DOT: Not regulated |
| Extinguishing Media: Water fog, carbon dioxide, dry chemical, foam, alcohol foam. |
| Special Fire Fighting Procedures: Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Do not spray pool fires directly. Under fire conditions, irritating and/or toxic gases may be present. Combustion products may be toxic. |
| Unusual Fire and Explosion Hazards: None |

SECTION V. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>OSHA PEL</th>
<th>ACGIH TLV (twa)</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMA PATCH - PART B</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>ACGIH PEL</th>
<th>ACGIH TLV (twa)</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMA PATCH - PART B</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Effects of Overexposure:

Eyes: Vapors may irritate eyes. Contact irritating to eyes. May cause blindness or permanent eye injury. May cause sever eye burns. Corneal damage can occur and injury is slow to heal, if not treated.

Skin: Skin may become dry. May cause skin sensitization and other allergic responses. Severe skin irritation may occur. May cause severe skin burns. Harmful if absorbed through skin.

Inhalation: Vapors may irritate respiratory tract. If liquid is heated, avoid breathing vapors.

Ingestion: Harmful if swallowed.

First Aid Procedures:

Eyes: Consult a physician immediately.

Skin: Wash thoroughly with soap and water or waterless hand cleaners. Remove contaminated clothing and wash clothing before reuse. Contact physician immediately.

Inhalation: Remove person to fresh air. Apply artificial respiration, if necessary. Contact physician immediately.

Ingestion: Do not induce vomiting. Contact physician immediately. Never give anything to an unconscious person.

SECTION VIII. REACTIVITY DATA

Stability: Stable

Stability Conditions to Avoid: None

Material to Avoid: Strong oxidizing agents, mineral acids.

Hazardous Decomposition: Oxides of carbon, aldehydes. Toxic monomer fumes and/or short chain hydrocarbons.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

SECTION IX. SPILL OR LEAK PROCEDURES

Spill Response: Absorb with sand and dispose of in an approved manner. Dike area with sand to contain spilled liquid. Prevent spillage from entering underground water systems. Ventilate area. Flush area with water but do not flush to sewer. Remaining material may be emulsified with soap and water and absorbed. Scoop up contaminated soil and place in dry drum. If transportation spill, call 1-800-255-9924. Large spills may be pumped into closed, but not sealed, containers.

Product Disposal: Incinerate in approved manner. Dispose of in accordance with local environmental authorities.

SECTION X. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NESA/NIOSH approved respirator is highly recommended. Self-contained breathing apparatus in concentrations above PEL/TLV. Avoid breathing possible fumes, mists and vapors which can cause severe respiratory damage. Always work in areas with adequate ventilation to allow dissipation of chemical fumes, and where applicable, solvent fumes.

Ventilation: Provide adequate cross air circulation. Exhaust at a point of use. Mechanical in confined areas.

Protective Gloves: Gloves resistant to chemical penetration. Neoprene or rubber gloves.

Eye Protection: Splashproof safety, chemical worker or chemical splash goggles.

Other: Eyewash station, emergency shower. Use of Barrier Cream recommended. Chemical apron, rubber foot covering. Clean long sleeve and leg clothing.

SECTION XI. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Protect from freezing. Overheating may cause container to rupture. Store in a cool, dry place. Keep away from open flames. Keep container closed when not in use. Store in tightly closed containers. Store away from food and beverages. Store in a dry, well ventilated area. Wash thoroughly after handling. Wash before eating, drinking, smoking or using toilet.

Other Precautions: Check all containers for leaks. Wear protective clothing as in Section IX. Avoid prolonged breathing or contact with skin.

KEEP OUT OF REACH OF CHILDREN

Proprietary ingredient - may be made available as provided in 29 CFR 1910.1200 (I). All our proprietary materials are on file with New Jersey Department of Health and the EIN number is provided.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona  85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HOSPITAL SURFACE DISINFECTANT
PRODUCT FORMULATION: Disinfectant Spray
CODE: 8421

NFPA HAZARD IDENTIFICATION SYSTEM
- 0-Insignificant
- 1-Slight
- 2-Moderate
- 3-High
- 4-Extreme

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&gt;50.0</td>
<td>1000ppm</td>
<td>1000ppm</td>
<td>N</td>
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<tr>
<td>p-tert-Amylphenol</td>
<td>80-46-6</td>
<td>0.02</td>
<td>N/E</td>
<td>N/E</td>
<td>N Y</td>
</tr>
<tr>
<td>o-Phenylphenol</td>
<td>90-43-7</td>
<td>0.08</td>
<td>N/E</td>
<td>N/E</td>
<td>N N</td>
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<tr>
<td>Butane/Propane/Isobutane</td>
<td>106-97-6</td>
<td>&lt;30.0</td>
<td>1000ppm</td>
<td>800ppm</td>
<td>N N N</td>
</tr>
<tr>
<td>(propellant)</td>
<td>74-98-6</td>
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<td></td>
<td>75-25-5</td>
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</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A
pH: N/A
Vapor Density (AIR = 1): N/D
Solubility in Water: Complete
Specific Gravity (water = 1): 0.85
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D
Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear, light yellow-green liquid spray; pleasant odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/D (TEST METHOD): Closed Cup
NFPA 30B Rating: 2
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D
FLAME EXTENSION: 10°
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire containers in the vicinity of fire with water spray or mist. Firefighters must use full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Do not expose cans to temperatures above 120°.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizers.
Conditions to Avoid: Heat and open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: 
Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: May cause irritation, redness and burning. 
Skin: Slight irritation, drying of skin and possible dermatitis with repeated exposure. 
Ingestion: Gastrointestinal irritation, cramps and nausea. 
Inhalation: Respiratory irritation, nausea, dizziness and headache.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. 
Skin: Remove contaminated clothing and wash with soap and water. Launder clothing separately. If irritation persists, obtain medical attention. 
Ingestion: Contact physician or poison control center immediately. Give several glasses of water and induce vomiting. 
Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Extinguish all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked container for proper disposal.

Waste Disposal Method: Consult local environmental authorities. Dispose of empty cans in non-incinerated trash only.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Avoid breathing spray mist. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None

Precautions for Handling and Storage: Use adequate ventilation. Avoid breathing spray mist. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations. Do not puncture or incinerate cans.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Consumer Commodity
DOT CLASS: ORM-D
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HYDRO POWER CARPET SPOT STAIN REMOVER

PRODUCT FORMULATION: Oxygenated Cleaner

PRODUCT CODE: 716

MANUFACTURER: Pioneer Research/Total Solutions 3110 N 19th Ave Suite 200 Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012

CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1.00-5.00</td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit

N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D
Vapor Pressure (mm Hg): N/D
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Appearance/Odor: Clear, colorless liquid; citrus fragrance

Specific Gravity (Water = 1): 1.01
VOC Content (% by weight): <1.00
Evaporation Rate (Water = 1): N/D
pH: 9.00-10.0

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): None
Test Method: Closed Cup
Flammability Limits in Air (Volume %): LEL: N/A  UEL: N/A
Extinguishing Media: Water
Special Fire Fighting Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazard: This product contains an oxidizer. Mixtures with combustible or flammable materials may ignite easily, burn fiercely, or may explode in contaminated, closed containers.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility: Highly alkaline products, metals, salts, organics, reducing agents.
Conditions to Avoid: Excess heat (> 100°F).

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, heat, steam, oxygen gas.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry  Inhalation: X  Eye Contact: X  Skin Contact: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
   Eyes: Mild to moderate irritation, redness, tearing. Prolonged contact may cause injury.
   Skin: May cause irritation with prolonged or repeated exposure.
   Ingestion: Small amounts may cause nausea, cramps. Larger amounts may be harmful.
   Inhalation: May cause irritation to upper respiratory tract.

Emergency and First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
   Skin: Flush skin with water for at least 15 minutes. Remove contaminated clothing and rinse with water. Launder clothing separately before reuse.
   Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water and give one to two glasses to dilute. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air. Administer artificial respiration if breathing stopped.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.

Ventilation Local: Recommended Mechanical: Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses.

Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat, sparks or open flame. Keep container tightly closed when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None  DOT CLASS: None
DOT ID NUMBER: None  DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research/Total Solutions  3110 N 19th Ave Suite 200  Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012
CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HYDRO POWER CONCENTRATE  NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT FORMULATION: Concentrated Oxygenated Cleaner  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 714  HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1.00-10.0</td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>N/N/N</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Proprietary</td>
<td>1.00-10.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N/N/N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit  N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°F):</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Soluble</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>N/D</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Clear, colorless liquid; citrus fragrance</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1):</td>
<td>1.01</td>
</tr>
<tr>
<td>VOC Content (% by weight):</td>
<td>&lt;1.00</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1):</td>
<td>N/D</td>
</tr>
<tr>
<td>pH:</td>
<td>9.00-10.0</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°F):</td>
<td>&gt;210</td>
</tr>
<tr>
<td>Test Method:</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %):</td>
<td>LEL: N/A  UEL: N/A</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Water.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazard:</td>
<td>This product contains an oxidizer. Mixtures with combustible or flammable materials may ignite easily, burn fiercely, or may explode in contaminated, closed containers.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility: Highly alkaline products, metals, salts, organics, reducing agents.
Conditions to Avoid: Excess heat (> 100°F).
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, heat, steam, oxygen gas.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry  Inhalation: X  Eye Contact: X  Skin Contact: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
  Eyes: Moderate irritation, redness, tearing. Prolonged contact may cause injury.
  Skin: May cause irritation with prolonged or repeated exposure.
  Ingestion: Small amounts may cause nausea, cramps. Larger amounts may be harmful.
  Inhalation: May cause irritation to upper respiratory tract.

Emergency and First Aid Procedures:
  Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
  Skin: Flush skin with water for at least 15 minutes. Remove contaminated clothing and rinse with water. Launder clothing separately before reuse.
  Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water and give one to two glasses to dilute. Never give anything to an unconscious person.
  Inhalation: Remove person to fresh air. Administer artificial respiration if breathing stopped.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.
  Ventilation Local: Recommended  Mechanical: Not required
  Protective Gloves: Chemical resistant.
  Eye Protection: Safety glasses or chemical goggles.
  Other Protective Equipment: Protective clothing.
  Precautions for Handling and Storage: Store in a cool, dry place away from heat, sparks or open flame. Keep container tightly closed when not in use.
  Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HYDRO POWER CONCRETE CLEANER

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

PRODUCT FORMULATION: Concentrated Oxygenated Cleaner

PRODUCT CODE: 715

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1.00-10.0</td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>N N N</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Proprietary</td>
<td>1.00-10.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
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SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°F):</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Soluble</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>N/D</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Clear, colorless liquid; citrus fragrance</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1):</td>
<td>1.01</td>
</tr>
<tr>
<td>VOC Content (% by weight):</td>
<td>&lt;1.00</td>
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<tr>
<td>Evaporation Rate (Water = 1):</td>
<td>N/D</td>
</tr>
<tr>
<td>pH:</td>
<td>9.00-10.0</td>
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SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Flash Point (°F):</td>
<td>&gt;210</td>
</tr>
<tr>
<td>Test Method:</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %):</td>
<td>LEL: N/A UEL: N/A</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Water.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazard:</td>
<td>This product contains an oxidizer. Mixtures with combustible or flammable materials may ignite easily, burn fiercely, or may explode in contaminated, closed containers.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility:</td>
<td>Highly alkaline products, metals, salts, organics, reducing agents.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>Excess heat (&gt; 100°F).</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>Thermal decomposition may produce oxides of carbon, heat, steam, oxygen gas.</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will not occur.</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry  Inhalation: X  Eye Contact: X  Skin Contact: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
   Eyes: Moderate irritation, redness, tearing. Prolonged contact may cause injury.
   Skin: May cause irritation with prolonged or repeated exposure.
   Ingestion: Small amounts may cause nausea, cramps. Larger amounts may be harmful.
   Inhalation: May cause irritation to upper respiratory tract.

Emergency and First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
   Skin: Flush skin with water for at least 15 minutes. Remove contaminated clothing and rinse with water. Launder clothing separately before reuse.
   Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water and give one to two glasses to dilute. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air. Administer artificial respiration if breathing stopped.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.
Ventilation: Local: Recommended  Mechanical: Not required
Protective Gloves: Chemical resistant
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: Protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place away from heat, sparks or open flame. Keep container tightly closed when not in use.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: INSECT REPELLENT TOWELETTES  
NFPA HAZARD IDENTIFICATION SYSTEM:  
PRODUCT FORMULATION: Premoistened Towels  
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme  
PRODUCT CODE: 1540  
HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>45.0-55.0</td>
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<td>400ppm</td>
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<tr>
<td>N, N-diethyl-m-toluamide</td>
<td>134-62-3</td>
<td>12.33</td>
<td>N/E</td>
<td>N/E</td>
<td>N  N  N</td>
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<td>N-Octyl Bicyclohepten</td>
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<td>dicarboximide</td>
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<td>N/E</td>
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<td>Di-n-propyl Isocinchomeronate</td>
<td>136-45-8</td>
<td>1.76</td>
<td>N/E</td>
<td>N/E</td>
<td>N  N  Y</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  
      TLV = Threshold Limit Value  
      C = Ceiling Level  
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SECTION III. PHYSICAL DATA

Boiling Point: N/D  
Vapor Density (AIR = 1): N/D  
Specific Gravity (water = 1): 0.90 (concentrate)  
VOC Content (% by weight): 45.0-50.0 (concentrate)  
Solubility in Water: Soluble (concentrate)  
Vapor Pressure (mm Hg): N/D  
Evaporation Rate (water = 1): >1.0 (concentrate)  
Appearance/Odor: White cloth impregnated with a clear, yellow liquid; alcohol odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 76 (concentrate)  
(TEST METHOD): Closed Cup  
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D  
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical  
Special Fire Fight Procedures: Cool fire exposed containers with fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.  
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable  
Incompatibility (Specific Materials to Avoid): Strong oxidizers.  
Conditions to Avoid: Excess heat and open flame.  
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.  
Hazardous Polymerization: Will Not Occur.  
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion:

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Mild irritation and redness.
Skin: Redness, dryness and irritation with prolonged contact. Skin contact may aggravate existing dermatitis condition.
Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
Inhalation: No hazards under normal use.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Remove all sources of ignitions. Place material in a labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None is required under normal use. If recommended exposure limits are exceeded wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Not required Mechanical - Not required

Protective Gloves: None.

Eye Protection: None.

Other Protective Equipment: None.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Consumer Commodity DOT CLASS: ORM-D

DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET PAGE 1 of 1 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION NUMBER: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: KITCHEN MAGIC
PRODUCT DESCRIPTION: Concentrated Cleaner Degreaser
PRODUCT CODE: 040

SECTION II. HAZARDOUS INGREDIENTS

Contains no hazardous components under current OSHA definitions. This material mixture formula is a trade secret and complies with 29CFR XVII-1910. 1200 Section (i) “TRADE SECRETS”. This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be: non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION III. PHYSICAL DATA

Boiling Point @ 1ATM deg C: 93.4
Vapor Density (AIR = 1): .62
Appearance/Odor: Dark green
Evaporation Rate: .7

Vapor Pressure @ 20C (mm Hg): 17.5
Solubility in Water: COMPLETE
Specific Gravity (H2O = 1): 1.010 at 20° F
pH Range (Concentrate): 10.7

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: Non-flammable; decomposed at 110°C without flame using Pensky-Martens Closed Tester 211.7-1979
Flammable Limits: LEL=N/A  UEL=N/A
Extinguishing Media: OK with CO2, Sand, Dry Chemical, Foam, Water.
Special Fire Fighting Procedures: Water may be used to cool containers involved with fire.
Unusual Fire and Explosive Hazards: Poses no unusual fire or explosive hazards.

SECTION V. REACTIVITY DATA

Stability: This is a totally stable compound
Incompatibility: This material will neutralize most acids.
Conditions to Avoid: None Known
Hazardous Decomposition: None known. It is not combustible.
Hazardous Polymerization: It will not undergo hazardous polymerization.
Emergency/First Aid Procedures:
Eye Contact: In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo.
Skin Contact: When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply hand cream.
Inhalation: No health effects are known to occur from inhalation of this material under normal use in a normally vented area.
Ingestion: Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.

DISPOSAL PROCEDURES

Spill Response: Area may become slippery. Flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.
Product Disposal: May be flushed in any sewer drain for disposal.
Container Disposal: Rinse used containers with water and recycle.
Other Precautions: If exposed to low temperatures (below 32°F), product may statify. If so, mix before using.

Precautionary measures needed: Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical.

KEEP OUT OF REACH OF CHILDREN.
**PRODUCT NAME:** LIQUID ICE MELT  
**PRODUCT FORMULATION:** Alcohol Based De-Icing Agent  
**PRODUCT CODE:** 275

### SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

**HMIS HAZARD RATING**  
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

**HEALTH:** 1  **FLAMMABILITY:** 0  **REACTIVITY:** 0

### SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol</td>
<td>107-21-1</td>
<td>30.0-40.0</td>
<td>50ppm</td>
<td>50ppm</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>115.0-25.0</td>
<td></td>
<td></td>
<td>Y N Y</td>
</tr>
</tbody>
</table>

**PEL** = Permissible Exposure Limit  
**TLV** = Threshold Limit Value  
**C** = Ceiling Level  
**STEL** = Short Term Exposure Limit  
**N/A** = Not Applicable  
**N/D** = Not Determined  
**N/E** = Not Established  
**Y** = Yes  
**N** = No

### SECTION III. PHYSICAL DATA

- **Boiling Point (°F):** N/D  
- **Specific Gravity (Water = 1):** 0.99
- **Vapor Pressure (mm Hg):** N/D  
- **VOC Content (% by weight):** 15.0-25.0
- **Solubility in Water:** Soluble  
- **Evaporation Rate (Water = 1):** N/D
- **Vapor Pressure (mm Hg):** N/D  
- **pH:** N/A
- **Appearance/Odor:** Clear to slightly hazy, light green liquid; glycol alcohol odor

### SECTION IV. FIRE AND EXPLOSION DATA

- **Flash Point (F):** N/D  
- **Test Method:** Closed Cup
- **Flammability Limits in Air (Volume %):** LEL: N/D  
- **UEL:** N/D
- **Extinguishing Media:** Water, foam, carbon dioxide, dry chemical
- **Special Fire Fighting Procedures:** Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Cool fire exposed containers with water fog.
- **Unusual Fire and Explosion Hazard:** Vapors may travel considerable distance to a source of ignition and flash back.

### SECTION V. REACTIVITY DATA

- **Stability:** Stable
- **Incompatibility:** Strong oxidizers
- **Conditions to Avoid:** Heat, sparks or open flame
- **Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon
- **Hazardous Polymerization:** Will not occur
- **Conditions to Avoid:** None
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry: Inhalation: X  Eye Contact: X  Skin Contact: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Mild irritation, redness, tearing, blurred vision. May injure eye tissue if not removed promptly.
Skin: Redness, dryness, irritation, defatting with prolonged or repeated exposure.
Ingestion: Gastrointestinal irritation, dizziness, drowsiness, drunkenness, weakness, CNS depression. May be harmful or fatal if swallowed. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema.
Inhalation: Respiratory tract irritation, nausea, vomiting, headache and dizziness.
NOTE TO PHYSICIAN: Ethylene glycol can cause pulmonary edema. It is also toxic to kidneys and causes metabolic acidosis.

Emergency and First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, administer oxygen.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove source of ignition. Soak up spilled material with inert absorbent material and place in a properly marked container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer’s recommendations.
Ventilation Local: Recommended Mechanical: Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: None
Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Mechanical solution.
DOT CLASS: 3  DOT ID NUMBER: UN1230  DOT PACKING GROUP: II

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: LIQUIDASE 250
PRODUCT DESCRIPTION: Liquid Bacteria/Enzyme Solution
PRODUCT CODE: 534

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>APPROX</th>
<th>CAS#</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEL</td>
<td></td>
<td>TLV</td>
<td>302</td>
<td>355 372</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

Contains no hazardous components as defined in 29 CFR 1910.1200

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 7.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.01  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Cloudy, orange-brown liquid; bland odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:
Inhalation: X
Eyes: X
Skin: X
Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Mild irritation and redness.
Skin: Irritation, defatting of skin with prolonged exposure. Bacterial infection may occur through open wounds or broken skin.
Ingestion: Gastrointestinal irritation.
Inhalation: Nausea, cramps, diarrhea. Aspiration of this product may occur.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal or recover for reuse. Rinse remaining residue with water.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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## SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

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<thead>
<tr>
<th>PRODUCT NAME:</th>
<th>HMIS HAZARD RATING</th>
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<tr>
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<td>HEALTH: FLAMMABILITY: PHYSICAL HAZARD</td>
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<table>
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<tr>
<th>PRODUCT FORMULATION:</th>
<th>N/D = Not Determined</th>
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<tbody>
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<td>N = No</td>
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<table>
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<tr>
<th>PRODUCT CODE:</th>
<th>N/E = Not Established</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Y = Yes</td>
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</table>

## SECTION II. HAZARDOUS INGREDIENTS

<table>
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<th>HAZARDOUS COMPONENT</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>%</td>
<td>PEL</td>
<td>TLV</td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

**Values reported as TWA unless noted**

**KEY:**
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

- 302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
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## SECTION III. PHYSICAL DATA

<table>
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<th>Property</th>
<th>Value</th>
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<tr>
<td>Boiling Point (°F)</td>
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<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>Specific Gravity</td>
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<td>Solubility in Water</td>
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</tr>
<tr>
<td>Appearance/Odor</td>
<td>pH</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1):</td>
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<tr>
<td>VOC Content (% by weight)</td>
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## SECTION IV. FIRE AND EXPLOSION DATA

<table>
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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Flash Point (°F)</td>
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<td>Test Method</td>
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<tr>
<td>Flammability Limits in Air (Volume %)</td>
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<tr>
<td>Extinguishing Media</td>
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<tr>
<td>Special Fire Fighting Procedures:</td>
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<td>Unusual Fire and Explosion Hazard:</td>
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## SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tr>
<td>Stability</td>
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<tr>
<td>Incompatibility</td>
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<td>Conditions to Avoid</td>
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<tr>
<td>Hazardous Decomposition Products:</td>
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</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td></td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td></td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry Inhalation:  Eye Contact:  Skin Contact:  Ingestion:

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens:

Effects of Overexposure:
Eyes:
Skin:
Ingestion:
Inhalation:

Emergency and First Aid Procedures:
Eyes:
Skin:
Ingestion:
Inhalation:

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak:
Waste Disposal Method:

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection:
Ventilation  Local:  Mechanical:
Protective Gloves:
Eye Protection:
Other Protective Equipment:
Precautions for Handling and Storage:
Other Precautions:  KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME:
DOT CLASS:
DOT ID NUMBER:
DOT PACKING GROUP:

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: MEAN GREEN
PRODUCT DESCRIPTION: Concentrated Cleaner Degreaser
PRODUCT CODE: 020

SECTION II. HAZARDOUS INGREDIENTS

Contains no hazardous components under current OSHA definitions. This material mixture formula is a trade secret and complies with 29CFR XVII-1910. 1200 Section (i) “TRADE SECRETS”. This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be: non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION III. PHYSICAL DATA

Boiling Point @ 1ATM deg C: 93.4
Vapor Pressure @ 20C (mm Hg): 17.5
Vapor Density (AIR = 1): .62
Solubility in Water: COMPLETE
Appearance/Odor: Dark green
Specific Gravity (H2O = 1): 1.010 at 20° F
Evaporation Rate: .7
pH Range (Concentrate): 10.7

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: Non-flammable; decomposed at 110°C without flame using Pensky-Martens Closed Tester 211.7-1979
Flammable Limits: LEL=N/A UEL=N/A
Extinguishing Media: OK with CO2, Sand, Dry Chemical, Foam, Water.
Special Fire Fighting Procedures: Water may be used to cool containers involved with fire.
Unusual Fire and Explosive Hazards: Poses no unusual fire or explosive hazards.

SECTION V. REACTIVITY DATA

Stability: This is a totally stable compound
Incompatibility: This material will neutralize most acids.
Conditions to Avoid: None Known
Hazardous Decomposition: None known. It is not combustible.
Hazardous Polymerization: It will not undergo hazardous polymerization.

SECTION VI. HEALTH HAZARD DATA

Emergency/First Aid Procedures:
Eye Contact: In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo
Skin Contact: When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply hand cream.
Inhalation: No health effects are known to occur from inhalation of this material under normal use in a normally vented area.
Ingestion: Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.
SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

Spill Response: Area may become slippery. Flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.

Product Disposal: May be flushed in any sewer drain for disposal.

Container Disposal: Rinse used containers with water and recycle.

Other Precautions: If exposed to low temperatures (below 32°F), product may statify. If so, mix before using.

SECTION VIII. CONTROL MEASURES

Precautionary measures needed: Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical,

KEEP OUT OF THE REACH OF CHILDREN.
Other Product

them or applied to parking lots to clean.

Spill

Emergency/First

Hazardous

Conditions to Avoid:

Stability:

Unusual

Extinguishing

Flammable

Flash

Vapor

Boiling

29CFR XVII-1910.  1200 Section (i) “TRADE SECRETS”.  This formula contains no ingredients that are on the NTP list or registered with

Contains no hazardous components under current OSHA definitions.  This material mixture formula is a trade secret and complies with

GENERAL INFORMATION TELEPHONE:  602-230-0012

MANUFACTURER:  Pioneer Research    3110 N. 19TH Avenue, Suite 200    Phoenix, Arizona 85015

MATERIAL

CONFIDENTIAL

PROPERTY

CONFIDENTIAL

PROPERTY

CONFIDENTIAL

PROPERTY

CONFIDENTIAL

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012  
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: MEDI-SCRUB  
PRODUCT DESCRIPTION: Medicated Hand Soap  
PRODUCT CODE: 268

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 302</th>
<th>355</th>
<th>372</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocodiethanolamide</td>
<td>120-40-1</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  
Vapor Density (AIR = 1): N/D  
Pell: 6.50-7.50  
Vapor Pressure (mm Hg): N/D  
Solubility in Water: Soluble  
Gravity (water = 1): 1.005  
Evaporation Rate (water = 1): N/D  
Appearance/Odor: Pink, opaque liquid, mild scent

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  
TEST METHOD: Closed Cup  
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D  
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical  
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.

SECTION V. REACTIVITY DATA

Stability: Stable  
Incompatibility (Specific Materials to Avoid): None  
Conditions to Avoid: None  
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

Hazardous Polymerization: Will Not Occur.  
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: MEDI-SCRUB

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Slight irritation and redness.
- Skin: Redness and dryness with repeated exposure.
- Ingestion: None known under normal use.
- Inhalation: Gastrointestinal irritation, nausea, cramps, vomiting.

First Aid Procedures:
  - Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  - Skin: Wash with soap and water. If irritation persists, obtain medical attention.
  - Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless instructed by a poison control center or physician. Never give anything to an unconscious person.
  - Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: None
Eye Protection: None
Other Protective Equipment: None
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained= from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: MULTI-PURPOSE TOWELS
PRODUCT FORMULATION: Premoistened Cleaning Towels
PRODUCT CODE: 1539

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Alcohol Ethoxylate</td>
<td>34939-01-1</td>
<td>1.0-3.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Sodium Xylene Sulfonate</td>
<td>1300-72-7</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>9989-27-5</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Ethoxylated Alkyl Amine</td>
<td>68478-95-5</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>DMDM Hydantoin</td>
<td>6440-58-0</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 8.0-9.0*
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble*
Specific Gravity (water = 1): 0.999*  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 1.00-3.00*  Evaporation Rate (water = 1): N/D
Appearance/Odor: Purple cloth impregnated with a clear, water white liquid; citrus scent

*Tested using liquid component of towelette.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200°  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids.
Conditions to Avoid: None known.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: MULTI-PURPOSE TOWELS

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: 

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Irritation, dermatitis with prolonged exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: No hazards under normal use.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Flush with water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container. Flush reside with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: None required under normal use.
Eye Protection: None required under normal use.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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This data contained herein is drawn from recognized sources and believed to be accurate as of the date of issue. This information is

**SECTION I. IDENTIFICATION OF PRODUCT**

**PRODUCT NAME:** MULTI-ZYME  
**PRODUCT CODE:** 1430

**SECTION II. HAZARDOUS INGREDIENTS**

Hazardous Components (Specific Identity; Common Name(s)) | CAS# | OSHA PEL | ACHIH TLV
--- | --- | --- | ---
Contains no hazardous components as listed in 29 CFR 1910.1000 or other pertinent section of OSHA Regulation.

This chemical may contain chemical(s) which are subject o the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). Because of this you may be required to submit this MSDS to state and local emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility.

**SECTION III. PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Tan granular powder, yeasty odor</td>
</tr>
</tbody>
</table>

**SECTION IV. FIRE AND EXPLOSIVE DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>None</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL: N/A UEL: N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Dry powder, Carbon Dioxide, Chemical Foam or Water Fog</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None</td>
</tr>
<tr>
<td>Unusual Fire and explosion Hazards</td>
<td>None</td>
</tr>
</tbody>
</table>

**SECTION V. REACTIVITY DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Material to avoid)</td>
<td>Do not mix with any other chemicals.</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Burning of material may produce oxides of nitrogen and carbon dioxide.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes Skin: No Ingestion: Yes

Health Hazards (Acute and Chronic): Repeated exposure may trigger allergic response in susceptible persons.
   Eyes: Eye contact may cause mild irritation.
   Ingestion: Nausea, diarrhea.
   Inhalation: Inhalation may cause irritation of respiratory tract.

Carcinogenicity: NTP: No ARC Monographs: No OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: Individuals with known allergies or asthma conditions should avoid dusty conditions.

Emergency/First Aid Procedures:
   Eyes: Flush with plenty of cool water for at least 15 minutes.
   Inhalation: Remove to fresh air. Contact physician, if needed.
   Ingestion: Give person several glasses of water and induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.
   Skin: Rinse off with soap and water

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Ventilate area to prevent accumulation of dust. Sweep up material and place in a closed container.
Waste Disposal: Follow Local, State and Federal regulations.
Handling/Storage: Store in cool dry place. Keep container closed when not in use.
Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Suitable mask to prevent the inhalation of dust.
Ventilation: Local exhaust recommended. Mechanical not required.
Other Protective Equipment: Rubber gloves, plastic goggles.

This data contained herein is drawn from recognized sources and believed to be accurate as of the date of issue. This information is intended for use by persons who have or should obtain professional knowledge and experience in subjects discussed, and is presented only for your evaluation of the suitability of this product for your use, and for compliance with Federal and State regulations. The manufacturer makes no warranty, expressed or implied, and disclaims all liability for accuracy, completeness and reliability of any information contained herein.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: MURIATIC ACID CLEANER
PRODUCT FORMULATION: Acid Based Cleaner
PRODUCT CODE: 140

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>%</td>
<td>PEL</td>
<td>TLV</td>
<td>302  355 372</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15.0-25.0</td>
<td>5ppm C</td>
<td>5ppm C</td>
<td>Y  N  Y</td>
</tr>
<tr>
<td>Poly (Oxyethylene) Nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;2.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N  N  N</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  
P: 1.0
Vapor Density (AIR = 1): N/D
Solubility in Water: Soluble
Gravity (water = 1): 1.10
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <1.00
Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear light green liquid; characteristic acidic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. May produce toxic fumes when heated.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline material, metals and metal salts.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemicals. Do not spray to create mists. Do not heat to create vapors.
Hazardous Decomposition Products: Thermal decomposition may produce CO, CO2, HCl and Cl2.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes:** Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- **Skin:** Severe irritation, burns, destruction of tissue. May cause irreversible damage.
- **Ingestion:** Severe burns to mucous membranes, destruction of tissue, DANGER - May be fatal if swallowed.
- **Inhalation:** Severe irritation to upper respiratory tract, pulmonary edema, laryngeal spasms.

First Aid Procedures:
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
- **Skin:** Remove contaminated clothing. Flush with plenty of cool water for at least 15 minutes and cover exposed area with acid neutralizing solution or moist baking soda. Obtain medical attention.
- **Ingestion:** Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.
- **Inhalation:** Remove person to fresh air. If breathing stops, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with a neutralizing solution.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer's recommendations.

Ventilation: Local - Recommended  Mechanical - Recommended

Protective Gloves: Acid resistant

Eye Protection: Safety goggles and/or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Corrosive material. Store in a cool, dry place away from alkaline materials and reactive chemicals. Do not mix with any other cleaning chemicals. Never add water to this product, always add this product to water, slowly stirring. Keep container tightly closed when not in use. Wash before eating, drinking or smoking.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Hydrochloric Acid).

DOT CLASS: 8  DOT ID NUMBER: UN1760  DOT PACKING GROUP: III

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, stirring.

Eye Ventilation:

Inhalation:

Skin:

Ventilation: Flush

Severe irritation, exceeding,

Spill Procedures:

Decomposition

Polymerization:

MATERIAL

Poly

Inappropriate

If

Dilution

N/O (Not determined)

This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, stirring.

Eye Ventilation:

Inhalation:

Skin:

Ventilation: Flush

Severe irritation, exceeding,

Spill Procedures:

Decomposition

Polymerization:

MATERIAL

Poly

Inappropriate

If

Dilution

N/O (Not determined)

This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, stirring.

Eye Ventilation:

Inhalation:

Skin:

Ventilation: Flush

Severe irritation, exceeding,

Spill Procedures:

Decomposition

Polymerization:

MATERIAL

Poly

Inappropriate

If

Dilution

N/O (Not determined)

This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, stirring.

Eye Ventilation:

Inhalation:

Skin:

Ventilation: Flush

Severe irritation, exceeding,

Spill Procedures:

Decomposition

Polymerization:

MATERIAL

Poly

Inappropriate

If

Dilution

N/O (Not determined)
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ORANGE AWAY  NFPA HAZARD IDENTIFICATION SYSTEM:
CHEMICAL FORMULATION: Citrus Based Degreaser  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 378  HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>85.0-95.0</td>
<td>N/E</td>
<td>N/E</td>
<td>302 355 372</td>
</tr>
<tr>
<td>Ethoxylated Octyl Phenol</td>
<td>9036-19-5</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Poly (oxyethylene)nonylphenol</td>
<td>9016-45-9</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/E  pH: N/A
Vapor Density (Air = 1): N/E  Solubility in Water: Emulsifies
Specific Gravity (water = 1): 0.845  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 85.00-90.00  Evaporation Rate (water = 1): >1.0
Appearance/Odor: Clear, water-white liquid; citrus odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): 122  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: 6.1  Lower: 0.7
Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Use water spray to cool fire-exposed containers. Solvent vapors may cause flashback.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizers and acids including acidic clays, peroxides, halogens, vinyl chloride and iodine pentfluoride.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes:** Moderate to severe irritation, redness and possible tearing.
- **Skin:** Irritation, chapping and dermatitis, with prolonged or repeated exposure. Contains a possible sensitizer.
- **Ingestion:** Nausea, cramps, diarrhea. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
- **Inhalation:** Irritation of the respiratory tract, coughing and headache.

Emergency and First Aid Procedures:
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- **Skin:** Remove contaminated clothing and launder separately before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
- **Ingestion:** Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Never give anything to an unconscious person.
- **Inhalation:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and extinguish all sources of ignition. Contain spill. Soak up with inert absorbent and place in a properly labeled closed container for disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Chemical goggles or safety glasses.
Other Protective Equipment: Protective clothing, eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly close when not in use.

Other Precautions: Do not cut or weld on empty containers as they may contain combustible residue.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET PAGE 1 OF 4 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: PERMA PATCH - PART A (BASE)  HMIS HAZARD CODE
PRODUCT TYPE: Epoxy Resin - Part A - Base
PRODUCT CODE: 610

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS #</th>
<th>% BY WGT</th>
<th>ACGIH TLV</th>
<th>CARCINOGENIC</th>
<th>VAPOR PRESSURE mm HG @ 20C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer of Epichlorohydrin</td>
<td>025085-99-8</td>
<td>80-85%</td>
<td>N/E</td>
<td>NO</td>
<td>0.06 mm</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alkyl Glacial Ether</td>
<td>068609-97-2</td>
<td>15-20%</td>
<td>N/E</td>
<td>NO</td>
<td></td>
</tr>
</tbody>
</table>

(N/E = Not Established)

SECTION III. PHYSICAL DATA

Boiling Range: N/A to N/A°F  Freezing Point: N/A °F
Vapor Pressure (mm Hg): N/A mm @ 20°C  Vapor Density:
Specific Gravity: 1.1  Solubility in Water: Negligible (0.1%)
Evaporation Rate Relative to n-butyl acetate: Slower
Appearance/Odor: Clear liquid; slight odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: 450°F  (Test Method): Pensky-Martens
Explosive Limits: LEL - N/A  UEL (%V in Air) - N/A  (N/A = Not Applicable)
Flammability Classifications: OSHA - Combustible Liquid - Class IIIB  DOT: Not regulated
Extinguishing Media: Water fog, carbon dioxide, dry chemical, foam
Special Fire Fighting Procedures: Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Under fire conditions, irritating and/or toxic gases may be present.
Unusual Fire and Explosion Hazards: None

SECTION V. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>OSHA PEL (mg/m3)</th>
<th>ACGIH TLV (twa) ppm</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMA PATCH - PART A</td>
<td>N/A</td>
<td>N/A</td>
<td>11,400</td>
<td>20,001</td>
</tr>
</tbody>
</table>

SECTION VI. HEALTH HAZARD DATA

Threshold Limit Values: See Section V

Effects of Overexposure:
  Eyes: Vapors may irritate eyes. Contact irritating to eyes.
  Skin: Contact may cause moderate irritation to skin. May cause skin sensitization and allergic responses. May aggravate existing dermatitis.
  Inhalation: Vapors may irritate respiratory tract.
First Aid Procedures:

- **Eyes**: Immediately flush eyes with plenty of water for 15 minutes and consult a physician.
- **Skin**: Wash thoroughly with soap and water or waterless hand cleaners. Remove contaminated clothing and wash clothing before reuse.
- **Inhalation**: Remove person to fresh air. Apply artificial respiration, if necessary. If breathing is difficult, oxygen may be given.
- **Ingestion**: Drink large quantities of water immediately. Induce vomiting. Contact physician immediately. Never give anything to an unconscious person.

SECTION VIII. REACTIVITY DATA

**Stability**: Stable
**Stability Conditions to Avoid**: None
**Material to Avoid**: Strong oxidizing agents, mineral acids.
**Hazardous Decomposition**: Oxides of carbon, aldehydes. Toxic monomer fumes and/or short chain hydrocarbons.
**Hazardous Polymerization**: Will not occur.
**Polymerization Conditions to Avoid**: None

SECTION IX. SPILL OR LEAK PROCEDURES

**Spill Response**: Absorb with sand and dispose of in an approved manner. Dike area with sand to contain spilled liquid. Prevent spillage from entering underground water systems. Ventilate area. Flush area with water but do not flush to sewer. Remaining material may be emulsified with soap and water and absorbed. Scoop up contaminated soil and place in dry drum. If transportation spill, call 1-800-255-3924. Large spills may be pumped into closed, but not sealed, containers.
**Product Disposal**: Empty decontaminated containers should be crushed to prevent reuse. Dispose of in accordance with local environmental authorities.

SECTION X. SPECIAL PROTECTION INFORMATION

**Respiratory Precaution**: NESA/NIOSH approved respirator is highly recommended. Self-contained breathing apparatus in concentrations above PEL/TLV. Avoid breathing possible fumes, mists and vapors which can cause severe respiratory damage. Always work in areas with adequate ventilation to allow dissipation of chemical fumes, and where applicable, solvent fumes.
**Ventilation**: Provide adequate cross air circulation.
**Protective Gloves**: Gloves resistant to chemical penetration. Neoprene or rubber gloves.
**Eye Protection**: Splashproof safety, chemical worker or chemical splash goggles.
**Other**: Eyewash station, emergency shower. Use of Barrier Cream recommended. Chemical apron, rubber foot covering. Clean long sleeve and leg clothing.

SECTION XI. SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling and Storage**: Store in a cool dry place. Keep away from open flames. Store in tightly closed containers. Store away from food and beverages. Wash thoroughly after handling. Wash before eating, drinking, smoking or using toilet.
**Other Precautions**: Check all containers for leaks. Avoid prolonged breathing or contact with skin.

KEEP OUT OF REACH OF CHILDREN

Proprietary ingredient - may be made available as provided in 29 CFR 1910.1200 (I). All our proprietary materials are on file with New Jersey Department of Health and the EIN number is provided.

REPORTABLE UNDER SARA TITLE III

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS#</th>
<th>Percent</th>
<th>Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epichlorhydrin</td>
<td>106-89-8</td>
<td>3ppm</td>
<td>313 302 304</td>
</tr>
<tr>
<td>TPQ(#)</td>
<td>RQ(#)</td>
<td>Y</td>
<td>1000 1000</td>
</tr>
</tbody>
</table>
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: PERMA PATCH - PART B (REACTOR)  HMIS HAZARD CODE
PRODUCT TYPE: Epoxy Curing Agent  0-Minimal 1-Slight 2-Moderate 3-Serious 4-Extreme
PRODUCT CODE: 610  HEALTH: 3

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS #</th>
<th>% BY WGT</th>
<th>ACGIH TLV</th>
<th>CARCINOGENIC</th>
<th>VAPOR PRESSURE mm HG @ 20C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, Reaction Products w/Tepa</td>
<td>68953-36-6</td>
<td>&gt;52%</td>
<td>N/E</td>
<td>NO</td>
<td>1.0</td>
</tr>
<tr>
<td>Diethylenetriamine</td>
<td>111-40-0</td>
<td>&gt;10%</td>
<td>1</td>
<td>NO</td>
<td>.99</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>112-57-2</td>
<td>&gt;10%</td>
<td>N/E</td>
<td>NO</td>
<td>N/E</td>
</tr>
<tr>
<td>Phenol, Nonyl</td>
<td>84852-15-3</td>
<td>&gt;20%</td>
<td>N/E</td>
<td>NO</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>080-005-7</td>
<td>&lt;4%</td>
<td>1.4</td>
<td>NO</td>
<td>N/E</td>
</tr>
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</table>

(N/E = Not Established)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Range:</td>
<td>N/A to N/A°F</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>N/A °F</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>0.9mm @ 20°C</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>7.59 (Heavier than air)</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>0.98</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Negligible (0.1%)</td>
</tr>
<tr>
<td>Evaporation Rate Relative to n-butyl acetate:</td>
<td>Slower % Volatile by Volume:</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Amber liquid; amine odor</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSIVE DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>250°F (Test Method): Pensky-Martens</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>LEL: 1.4 UEL (%V in Air): N/A (N/A = Not Applicable)</td>
</tr>
<tr>
<td>Flammability Classifications:</td>
<td>OSHA - Combustible Liquid - Class IIIB  DOT: Not regulated</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Water fog, carbon dioxide, dry chemical, foam, alcohol foam.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>Use water fog to cool containers. Wear protective clothing. Fight fire from a safe distance. Close all valves to the area. Emergency lights must be turned on. Self contained breathing apparatus should be used. Do not spray pool fires directly. Under fire conditions, irritating and/or toxic gases may be present. Combustion products may be toxic.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION V. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>OSHA PEL mg/m3</th>
<th>ACGIH TLV (tw) ppm</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMA PATCH - PART B</td>
<td>N/A</td>
<td>N/A</td>
<td>3990</td>
<td>1500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>OSHA PEL mg/m3</th>
<th>ACGIH TLV (tw) ppm</th>
<th>LD50 (mg/kg) (rat)</th>
<th>LC50 (ppm) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>3990</td>
<td>1500</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Threshold Limit Values: See Section V

Effects of Overexposure:
- **Eyes**: Vapors may irritate eyes. Contact irritating to eyes. May cause blindness or permanent eye injury. May cause severe eye burns. Corneal damage can occur and injury is slow to heal, if not treated.
- **Skin**: Skin may become dry. May cause skin sensitization and other allergic responses. Severe skin irritation may occur. May cause severe skin burns. Harmful if absorbed through skin.
- **Inhalation**: Vapors may irritate respiratory tract. If liquid is heated, avoid breathing vapors.
- **Ingestion**: Harmful if swallowed.

First Aid Procedures:
- **Eyes**: Consult a physician immediately.
- **Skin**: Wash thoroughly with soap and water or waterless hand cleaners. Remove contaminated clothing and wash clothing before reuse. Contact physician immediately.
- **Inhalation**: Remove person to fresh air. Apply artificial respiration, if necessary. Contact physician immediately.
- **Ingestion**: Do not induce vomiting. Contact physician immediately. Never give anything to an unconscious person.

SECTION VIII. REACTIVITY DATA

Stability: Stable
Stability Conditions to Avoid: None
Material to Avoid: Strong oxidizing agents, mineral acids.
Hazardous Decomposition: Oxides of carbon, aldehydes. Toxic monomer fumes and/or short chain hydrocarbons.
Hazardous Polymerization: Will not occur.
Polymerization Conditions to Avoid: None

SECTION IX. SPILL OR LEAK PROCEDURES

Spill Response: Absorb with sand and dispose of in an approved manner. Dike area with sand to contain spilled liquid. Prevent spillage from entering underground water systems. Ventilate area. Flush area with water but do not flush to sewer. Remaining material may be emulsified with soap and water and absorbed. Scoop up contaminated soil and place in dry drum. If transportation spill, call 1-800-255-3924. Large spills may be pumped into closed, but not sealed, containers.

Product Disposal: Incinerate in approved manner. Dispose of in accordance with local environmental authorities.

SECTION X. SPECIAL PROTECTION INFORMATION

Respiratory Precaution: NESA/NIOSH approved respirator is highly recommended. Self-contained breathing apparatus in concentrations above PEL/TLV. Avoid breathing possible fumes, mists and vapors which can cause severe respiratory damage. Always work in areas with adequate ventilation to allow dissipation of chemical fumes, and where applicable, solvent fumes.
Ventilation: Provide adequate cross air circulation. Exhaust at point of use. Mechanical in confined areas.
Protective Gloves: Gloves resistant to chemical penetration. Neoprene or rubber gloves.
Eye Protection: Splashproof safety, chemical worker or chemical splash goggles.
Other: Eyewash station, emergency shower. Use of Barrier Cream recommended. Chemical apron, rubber foot covering. Clean long sleeve and leg clothing.

SECTION XI. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Protect from freezing. Overheating may cause container to rupture. Store in a cool, dry place. Keep away from open flames. Keep container closed when not in use. Store in tightly closed containers. Store away from food and beverages. Store in a dry, well ventilated areas. Wash thoroughly after handling. Wash before eating, drinking, smoking or using toilet.
Other Precautions: Check all containers for leaks. Wear protective clothing as in Section IX. Avoid prolonged breathing or contact with skin. **KEEP OUT OF REACH OF CHILDREN**

Proprietary ingredient - may be made available as provided in 29 CFR 1910.1200 (l). All our proprietary materials are on file with New Jersey Department of Health and the EIN number is provided.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE:
EMERGENCY TELEPHONE: 1-800-255-3924


SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: POWER DUSTER  HMIS Rating (Based pm Aerosol Conc.):
PRODUCT TYPE: Aerosol  0-Minimal  1-Slight  2-Moderate  3-Severe  4-Extreme
FORMULA: Proprietary  HEALTH: 1  FIRE: 0  REACTIVITY: 1
DOT HAZARD CLASS: Consumer Commodity ORM-D  PERSONAL PROTECTION: B

SECTION II. INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>% WT</th>
<th>313/CHEM</th>
<th>SKIN</th>
<th>CARCINOGEN</th>
<th>PEL</th>
<th>TWA/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2 Tetrafluoroethane</td>
<td>811-97-2</td>
<td>100</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Data Below Based on Aerosol Concentrate Only:
Boiling Point: ~15.7°F  pH: N/A
Vapor Density (AIR = 1): 3.6 @ 77°F  Solubility in Water: 0.15 WT%@25°C
Appearance/Odor: Clear Liquid, Solvent Odor  Liquid Density (H2O=1)@77°F: 1.203

Data Below Based on Total Contents:
Vapor Pressure of can(PSIG @75°F): 90
Total VOC (Volatile Organic Compound) %: 0%

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): Will  Not Burn
Flammability: (as per USA Flam Projection Test): Non-Flammable Spray
Extinguishing Media: Foam, CO2, Dry Media
Special Fire Fight Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V. REACTIVITY DATA

Stability: Material stable, however, avoid open flames and exposure to high temperature.
Hazardous Polymerization: Will Not Occur.
Incompatibility (Specific Materials to Avoid): Incompatible with alkali or alkaline earth metals-powered Al, Zn, Be, etc.
Hazardous Decomposition Products: Decomposition products are hazardous. This material can be decomposed by high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and possibly carbonyl fluoride.

SECTION VI. HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN.  For Industrial Use Only.
Precautions for Handling and Storage: Store in a cool, dry area from heat or open flame.  Do not store at temperatures above 120°F.
NFPA Code 30B Rating: Level 1 Aerosol
SECTION VII. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry and Effects of Overexposure:

Eyes: Frostbite-like effects may occur if the liquid or escaping vapors contact the eyes.

Skin: Immediate effects of overexposure may include: Frostbite if liquid or vapor contact is made with skin.

Inhalation: Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse or deliberate inhalation may cause death without warning. Vapors are heavier than air and may accumulate in low lying or confined areas.

Ingestion: Ingestion is not considered a potential route of exposure.

First Aid Procedures:

Eyes: In case of contact, immediately flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Call a physician.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Treat for frostbite if necessary by gently warming affected areas. Wash contaminated clothing before reuse.

Inhalation: If high concentrations are inhaled, immediately remove to fresh air. Keep person clam. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Ingestion is not considered a potential route of exposure.

Note to Physician: Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution in situations of emergency life support.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Allow propellant and solvent to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and swept up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and Local laws.

Waste Disposal Method: Aerosol cans when emptied and depressurized through normal use pose no disposal hazard and should be recycled. Consult Federal, State and Local authorities for approved procedures.

N/A=Not Applicable  N/E=Not Established  N/D=Not Determined  <=Less Than  =>More Than

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research Corporation  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: PREMIERE
PRODUCT DESCRIPTION: Snow and Ice Melt
PRODUCT CODE: 2025

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s)  OSHA PEL  ACHIH TLV  OTHER LIMITS  % OPTIONAL
Contains no Hazardous Components as listed in 29CFR 1910.1000 or other pertinent section of OSHA regulations.

SECTION III. PHYSICAL DATA

Boiling Point: N/A  Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: 100%
Appearance/odor: Blue with white pellets  Specific Gravity: (H2O = 1): N/A
Melting Point: N/A  Evaporation Rate: N/A

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: None
Flammable Limits: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosive Hazards: N/A
Extinguishing Media: N/A

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Decomposition Products: No
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Acids - do not mix with any type of chemical
SECTION VI. HEALTH HAZARD DATA

Carcinogenicity: NTP: No    ARC Monographs: No    OSHA Regulated: No

Route of Entry: Inhalation: Yes    Skin: Yes    Ingestion: Yes    Eye: Yes

Health Hazards (Acute and Chronic):
Inhalation: Dust may irritate nose and throat
Skin: Prolonged contact may irritate skin
Ingestion: Abdominal discomfort
Eye: Dust may irritate eyes

Emergency/First Aid Procedures:
Ingestion: Give large amounts of water. Do not induce vomiting. Call physician
Inhalation: Remove to fresh air
Eyes: Flush with water for 15 minutes.
Skin: Wash with soap and water

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Sweep up bulk and discard. Rinse area with water
Waste Disposal: Follow Federal, State and Local regulations
Handling/Storage: Store in a dry location.
Other Precautions: None

SECTION VIII. CONTROL MEASURES

Ventilation: Local Exhaust
Eye Protection: Plastic Goggles. Eye Wash
Protective: Gloves Rubber
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2   REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research Corporation  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I.  IDENTIFICATION OF PRODUCT

PRODUCT NAME: BLUE FIRE
PRODUCT DESCRIPTION: Snow and Ice Melt
PRODUCT CODE: 2025

SECTION II.  HAZARDOUS INGREDIENTS

Contains no Hazardous Components as listed in 29CFR 1910.1000 or other pertinent section of OSHA regulations.

SECTION III.  PHYSICAL DATA

Boiling Point: N/A  Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: 100%
Appearance/odor: Blue with white pellets  Specific Gravity: (H2O = 1): N/A
Melting Point: N/A  Evaporation Rate: N/A

SECTION IV.  FIRE AND EXPLOSIVE DATA

Flash Point: None
Flammable Limits: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosive Hazards: N/A
Extinguishing Media: N/A

SECTION V.  REACTIVITY DATA

Stability: Stable
Hazardous Decomposition Products: No
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Acids - do not mix with any type of chemical
MATERIAL SAFETY DATA SHEET

SECTION VI. HEALTH HAZARD DATA

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Route of Entry: Inhalation: Yes  Skin: Yes  Ingestion: Yes  Eye: Yes

Health Hazards (Acute and Chronic):
- Inhalation: Dust may irritate nose and throat
- Skin: Prolonged contact may irritate skin
- Ingestion: Abdominal discomfort
- Eye: Dust may irritate eyes

Emergency/First Aid Procedures:
- Ingestion: Give large amounts of water. Do not induce vomiting. Call physician
- Inhalation: Remove to fresh air
- Eyes: Flush with water for 15 minutes.
- Skin: Wash with soap and water

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Sweep up bulk and discard. Rinse area with water
Waste Disposal: Follow Federal, State and Local regulations
Handling/Storage: Store in a dry location.
Other Precautions: None

SECTION VIII. CONTROL MEASURES

Ventilation: Local Exhaust
Eye Protection: Plastic Goggles. Eye Wash
Protective: Gloves Rubber
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PREMIERE
PRODUCT FORMULATION: Inorganic deicing compound
PRODUCT CODE: 1603

NFPA HAZARD IDENTIFICATION SYSTEM:
- FLAMMABILITY: 0
- REACTIVITY: 0
- HEALTH: 1

SECTION II. HAZARDOUS INGREDIENTS

Contains no hazardous components as defined in 29 CFR 1910.120

SECTION III. PHYSICAL DATA

Boiling Point: N/A
Vapor Density (AIR = 1): N/A
Specific Gravity (water = 1): N/D
VOC Content (% by weight): N/D
Appearance/Odor: Green colored granules; no odor

pH: N/A
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/A
Evaporation Rate (water = 1): N/A

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/A
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: 

Ingredients Considered By OSHA, NTP, IARC to be Human Carcinogens: None.

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Redness, dryness and irritation with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: None.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash thoroughly with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give 1 to 2 glasses of water and induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Scoop up spilled material for reuse.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe dusts.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MANUFACTURER:  Pioneer Research     3110 N. 19TH Avenue, Suite 200     Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE:  602-230-0012
EMERGENCY TELEPHONE:  800-255-3924

SECTION I.  IDENTIFICATION OF PRODUCT

PRODUCT NAME:  PRIME CUT
PRODUCT DESCRIPTION:  Concentrated Cleaner Degreaser
PRODUCT CODE:  050

Contains no hazardous components under current OSHA definitions.  This material mixture formula is a trade secret and complies with 29CFR XVII-1910.  1200 Section (i) "TRADE SECRETS".  This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be:  non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION II.  HAZARDOUS INGREDIENTS

This material mixture formula is a trade secret and complies with 29CFR XVII-1910.  1200 Section (i) "TRADE SECRETS".  This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be:  non-toxic, not corrosive, not an irritant and not a sensitizer in oral, dermal and ocular Federal Hazardous Substances Act (15 CFR 1500).

SECTION III.  PHYSICAL DATA

Boiling Point @ 1ATM deg C:  93.4  Vapor Pressure @ 20C (mm Hg):  17.5
Vapor Density (AIR = 1): .62  Solubility in Water:  COMPLETE
Appearance/Odor:  Dark green  Specific Gravity (H2O = 1):  1.010 at 20° F
Evaporation Rate:  .7  pH Range (Concentrate):  10.7

SECTION IV.  FIRE AND EXPLOSIVE DATA

Flash Point:  Non-flammable; decomposed at 110°C without flame using Pensky-Martens Closed Tester 211.7-1979
Flammable Limits:  LEL=N/A UEL=N/A
Extinguishing Media:  OK with CO2, Sand, Dry Chemical, Foam, Water.
Special Fire Fighting Procedures:  Water may be used to cool containers involved with fire.
Unusual Fire and Explosive Hazards:  Poses no unusual fire or explosive hazards.

SECTION V.  REACTIVITY DATA

Stability:  This is a totally stable compound
Incompatibility:  This material will neutralize most acids.
Conditions to Avoid:  None Known
Hazardous Decomposition:  None known.  It is not combustible.
Hazardous Polymerization:  It will not undergo hazardous polymerization.
SECTION VI. HEALTH HAZARD DATA

Emergency/First Aid Procedures:
- **Eye Contact:** In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo.
- **Skin Contact:** When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply hand cream.
- **Inhalation:** No health effects are known to occur from inhalation of this material under normal use in a normally vented area.
- **Ingestion:** Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.

SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES

**Spill Response:** Area may become slippery. Flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.
**Product Disposal:** May be flushed in any sewer drain for disposal.
**Container Disposal:** Rinse used containers with water and recycle.
**Other Precautions:** If exposed to low temperatures (below 32°F), product may statify. If so, mix before using.

SECTION VIII. CONTROL MEASURES

**Precautionary measures needed:** Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical,

**KEEP OUT OF REACH OF CHILDREN.**
MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015
GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PRIME KOTE
PRODUCT DESCRIPTION: Rust Converter
PRODUCT CODE: 346

NFPA HAZARD IDENTIFICATION SYSTEM:
HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
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<tr>
<td>Tannic Acid</td>
<td>1401-55-4</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N N N</td>
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<tr>
<td>2-Butoxyethanol</td>
<td>111-76-4</td>
<td>1.00-5.00</td>
<td>25ppm</td>
<td>N N Y</td>
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</tbody>
</table>

KEY:  PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 3.00-4.00
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.13  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Beige, opaque emulsion; bland odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): N/D  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool drums in vicinity of fire with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong alkalis.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Moderate irritation and redness.
   Skin: Prolonged or repeated exposure can lead to mild irritation, formation of dark colored stains.
   Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting. May be harmful or fatal if swallowed.
   Inhalation: May cause respiratory tract irritation, headach, nausea.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
   Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give person 1 to 2 glasses of water. Never give anything by mouth to an unconscious person.
   Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: Eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None DOT CLASS: None

DOT ID NUMBER: None DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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DOT ID NUMBER:

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Precautions

Protective approved

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First Effects

Primary

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PRODUCT

Conditions

Stability:

Special

Extinguishing

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Appearance/Odor:

VOC

Specific

Boiling

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

KEY:

Tannic Acid

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PRODUCT

PRODUCT

GENERAL INFORMATION TELEPHONE:  602-230-0012

MANUFACTURER:  Pioneer Research    3110 N. 19TH Avenue, Suite 200    Phoenix, Arizona 85015

MATERIAL

Inhalation:

Ingestion:

Eyes:

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PROPERTY

PROPERTY

NAME:

NAME:

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PROTECTION:

FIRST AID:

APPLICATION:

GENERIC:

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than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more use.

Precautions

Other

Eye

Ventilation:

Respiratory

Inhalation:

Ingestion:

Eyes:

Gastrointestinal

Eyes:

Aid to

Handling

Gloves:

Local

Mechanical

Procedures:

Avoid:

Incompatible

Hygiene:

Wash

of

Conditions

Unusual

Specific

VOC

NFPA

CODE:

DESCRIPTION:

HAZARD

PRODUCT

PRODUCT

PRODUCT

GENERAL INFORMATION TELEPHONE:  602-230-0012

MATERIAL

Inhalation:

Ingestion:

Eye

Spill

Wash

Procedures:

Cool

DRUGS

FIRE

SECTION

PEL

Exposure

V.

REACTIVITY

SARA

CLASS:

Ingestion:

Repiratory

Ingestion:

Eyes:

Toxicity:

NFPA

AVERAGE

Poisoning:

to

PHYSICAL

STABILITY

source

HAZARDOUS

SUBSTANCE

3-Butoxyethanol

GENERAL

PROPERTY

UN

NFPA

1: 1-Slight  2-Moderate  3-High  4-Extreme

2

3

1

0-Insignificant  1-Slight  2-Moderate  3-High  4-Extreme

1

3

II.

MEASURES

V.

REACTIVITY

3.00-4.00

N/E                          N            N          N

355

1)

N/E                          N            N          N

APPROX

25ppm

OSHA

NTP,

IARC

BPHOENIX,

AZ.

3443

1

CENTRAL

PHOENIX,

AZ.

3443

1

CENTRAL

MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PRINTERS INK FORMULA
PRODUCT FORMULATION: Liquid pressroom cleaner
PRODUCT CODE: 332

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1  FLAMMABILITY: 1  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA</th>
<th>40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>20.0-30.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N</td>
</tr>
<tr>
<td>n-Methyl Pyrrolidone</td>
<td>872-50-4</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>106-65-0</td>
<td>15.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established
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355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A  pH: N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: Emulsifiable
Specific Gravity (water = 1): 1.04  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 5.0-15.0  Evaporation Rate (water = 1): N/D
Appearance/Odor: White, opaque thickened liquid; sweet odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %):  Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong acids and alkalis.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbons.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
   Eyes: Mild to moderate irritation, redness, tearing, swelling and burning sensation.
   Skin: Moderate irritation, redness, dryness and blistering.
   Ingestion: Gastrointestinal irritation. Small amounts may be aspirated into the lung during vomiting.
   Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Remove contaminated clothing separately before reuse. Wash affected area with water for a least 15 minutes. If irritation persists, obtain medical attention.
   Ingestion: Contact physician or poison control center immediately. Rinse mouth with water. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person.
   Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
   Ventilation: Local - Recommended   Mechanical - Not required
   Protective Gloves: Chemical resistant.
   Eye Protection: Chemical goggles or face shield.
   Other Protective Equipment: Eye wash station.
   Precautions for Handling and Storage: Store in a cool, dry place away from open flame. Keep container tightly closed when not in use. Wash hands before eating, drinking, smoking or using toilet facilities.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
   DOT CLASS: None       DOT ID NUMBER: None       DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET PAGE 1 OF 2 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PRINTER CHOICE
PRODUCT FORMULATION: Liquid blanket and roller wash
PRODUCT CODE: 332

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 302</th>
<th>EPA 355</th>
<th>EPA 372</th>
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<tbody>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>20.0-30.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>n-Methyl Pyrrolidone</td>
<td>872-50-4</td>
<td>5.00-15.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
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<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
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<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A
Vapor Density (AIR = 1): N/A
Specific Gravity (water = 1): 1.04
VOC Content (% by weight): 5.0-15.0
Appearance/Odor: White, opaque thickened liquid; sweet odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong acids and alkalis.
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbons.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Mild to moderate irritation, redness, tearing, swelling and burning sensation.
Skin: Moderate irritation, redness, dryness and blistering.
Ingestion: Gastrointestinal irritation. Small amounts may be aspirated into the lung during vomiting.
Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Remove contaminated clothing separately before reuse. Wash affected area with water for a least 15 minutes. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Rinse mouth with water. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person.
Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Chemical goggles or face shield.
Other Protective Equipment: Eye wash station.
Precautions for Handling and Storage: Store in a cool, dry place away from open flame. Keep container tightly closed when not in use. Wash hands before eating, drinking, smoking or using toilet facilities.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PRO SHINE
PRODUCT DESCRIPTION: Cross-linked Acrylic Floor Finish
PRODUCT CODE: 1706

NFPA HAZARD IDENTIFICATION SYSTEM:
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HEALTH: 1 = FLAMMABILITY: 1 = REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol Methyl</td>
<td>111-77-3</td>
<td>1.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
</tr>
<tr>
<td>Ether</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Dibutyl Phthalate</td>
<td>84-74-2</td>
<td>1.00-3.00</td>
<td>5 mg/m3</td>
<td>5 mg/m3</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit
TLV = Threshold Limit Value
C = Ceiling Level
STEL = Short Term Exposure Limit
N/A = Not Applicable
N/D = Not Determined
N/E = Not Established
Y = Yes
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/D</td>
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<tr>
<td>pH</td>
<td>8.00-9.00</td>
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<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/D</td>
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<tr>
<td>Specific Gravity (water = 1)</td>
<td>1.04</td>
</tr>
<tr>
<td>VOC Content (% by weight)</td>
<td>5.00-10.0</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Opaque, off white liquid; mild odor</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
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<tr>
<td>Vapor Pressure (mm Hg)</td>
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<tr>
<td>Evaporation Rate (water = 1)</td>
<td>&gt;1.0</td>
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SECTION IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F)</td>
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</tr>
<tr>
<td>(TEST METHOD)</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits in Air (Volume %)</td>
<td>Upper: N/D Lower: N/D</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, Foam, Carbon Dioxide, Dry Chemical</td>
</tr>
<tr>
<td>Special Fire Fight Procedures</td>
<td>Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Specific Materials to Avoid)</td>
<td>Strong acids.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Thermal decomposition may produce oxides of carbon.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Moderate irritation and redness.
- Skin: Prolonged or repeated exposure can lead to irritation, redness and dryness.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: Dizziness, headache.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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PRODUCT NAME: PURE EZ SQUIRT
PRODUCT FORMULATION: Water Based Soy/Citrus Cleaner
PRODUCT CODE: 704

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>&lt;1.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
</tr>
</tbody>
</table>

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Y = Yes
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
pH: 9.5
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 1.00
VOC Content (% by weight): N/D
Appearance/Odor: Clear, green liquid; citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): >210
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
  Eyes: Mild irritation, redness and tearing.
  Skin: Mild irritation, chapping and dermatitis with prolonged or repeated exposure. Contains possible sensitizer.
  Ingestion: Gastrointestinal irritation, nausea, cramps, diarrhea.
  Inhalation: None known under normal use.

Emergency and First Aid Procedures:
  Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  Skin: Remove contaminated clothing and launder before re-use. Flush with cool water. If irritation persists, obtain medical attention
  Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person 1 to 2 glass of water. Do not induce vomiting unless instructed by a physician or poison control facility. Never give anything to an unconscious person.
  Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not required.
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200   Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: PURE EZ SQUIRT CONCENTRATE
PRODUCT FORMULATION: Water-Soluble Cleaner
PRODUCT CODE: 425 Concentrate

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>302, 355, 372</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y, N, N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 9.5-10.0
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.00  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 1.00-10.0  Evaporation Rate (water = 1): N/D
Appearance/Odor: Slightly hazy, green liquid; pleasant citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): >200  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizers and acids.
Conditions to Avoid: Heat or open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: PURE EZ SQUIRT

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- **Eyes:** Moderate irritation, redness and tearing.
- **Skin:** Mild irritation, chapping and dermatitis with prolonged or repeated exposure. Contains a possible skin sensitizer.
- **Ingestion:** Gastrointestinal irritation, nausea, cramps, diarrhea.
- **Inhalation:** None known under normal use.

Emergency and First Aid Procedures:
- **Eyes:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- **Skin:** Remove contaminated clothing and launder before re-use. Flush with soap and water. If irritation persists, obtain medical attention.
- **Ingestion:** Contact physician or poison control center immediately. Do not induce vomiting unless instructed by a physician or poison control facility. Never give anything to an unconscious person.
- **Inhalation:** Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
- **Ventilation:** Local - Recommended  Mechanical - Not required.
- **Protective Gloves:** Chemical resistant.
- **Eye Protection:** Safety glasses or chemical goggles.
- **Other Protective Equipment:** Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

**DOT PROPER SHIPPING NAME:** None
**DOT CLASS:** None  **DOT ID NUMBER:** None  **DOT PACKING GROUP:** None

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MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
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PRODUCT NAME: PURE EZ SQUIRT CONCENTRATE
PRODUCT FORMULATION: Water-Soluble Cleaner
PRODUCT CODE: 425 Concentrate

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 0  FLAMMABILITY: 1  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

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<th>SUBSTANCE</th>
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<td>Triethanolamine</td>
<td>102-71-6</td>
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<td>N/E</td>
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<td>N N N</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
</tbody>
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KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
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SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: 9.5-10.0
- Vapor Density (AIR = 1): N/D
- Solubility in Water: Soluble
- Specific Gravity (water = 1): 1.00
- Vapor Pressure (mm Hg): N/D
- VOC Content (% by weight): 1.00-10.0
- Evaporation Rate (water = 1): N/D
- Appearance/Odor: Slightly hazy, green liquid; pleasant citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (*F): >200  (TEST METHOD): Closed Cup
- Flammability Limits in Air (Volume %): Upper: N/D  Lower: N/D
- Extinguishing Media: Water, foam, carbon dioxide, dry chemical
- Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong oxidizers and acids.
- Conditions to Avoid: Heat or open flame.
- Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  
Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
Eyes: Moderate irritation, redness and tearing.
Skin: Mild irritation, chapping and dermatitis with prolonged or repeated exposure. Contains a possible skin sensitizer.
Ingestion: Gastrointestinal irritation, nausea, cramps, diarrhea.
Inhalation: None known under normal use.

Emergency and First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Remove contaminated clothing and launder before re-use. Flush with soap and water. If irritation persists, obtain medical attention.
Ingestion: Contact physician or poison control center immediately. Do not induce vomiting unless instructed by a physician or poison control facility. Never give anything to an unconscious person.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Recommended  Mechanical - Not required.
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: Protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None  DOT ID NUMBER: None  DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: RE-FRESH
PRODUCT DESCRIPTION: Odor Control
PROUCT CODE: 1340

SECTION II. HAZARDOUS INGREDIENTS

Contains no hazardous components as listed in 29 cfr 1910.1000 or other pertinent section of OSHA regulation

SECTION III. PHYSICAL DATA

Boiling Point: 212 Degrees F
Vapor Density (AIR = 1): 1
Appearance/Odor: Yellow color, clear liquid, lemon odor
Melting Point: As water

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point: None closed cup
Flammable Limits: N/A
Extinguishing Media: Water, foam, CO2, dry chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosive Hazards: N/A

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Keep from freezing
Hazardous Decomposition: None
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Acids, oxidizers
SECTION VI. HEALTH HAZARD DATA

Route of Entry:  Inhalation: No  Skin: No  Ingestion: Yes

Health Hazards (Acute and Chronic):  Eye and skin irritation.  No known chronic effect

Carcinogenicity:  NTP: No  ARC Monographs: No  OSHA Regulated: No

Sign and Symptoms of Exposure:  Irritation and redness
Medical Conditions Generally Aggravated by Exposure:  None

Emergency/First Aid Procedures:
  Eyes:  Flush with water for 15 minutes
  Ingestion:  Get medical attention, if needed
  Skin:  Wash well with soap and water
  Inhalation:  Remove to fresh air

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response:  Soak up with absorbent.  Flush away with water
Waste Disposal:  Follow local, state and federal regulations
Handling/Storage:  Keep container closed when not in use.  Store in cool, dry place
Other Precautions:  Keep out of the reach of children

SECTION VIII. CONTROL MEASURES

No respiratory protection normally required.  Wear rubber gloves.  Wear goggles for eye protection.  Eye wash station and safety shower should be accessible.  Follow normal hygiene practices.  For industrial use only.
**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** RE-FRESH-CHERRY  
**PRODUCT DESCRIPTION:** Odor Control  
**PRODUCT CODE:** 1340

**SECTION I. IDENTIFICATION OF PRODUCT**

Contains no hazardous components as listed in 29 CFR 1910.1000 or other pertinent section of OSHA regulation.

**SECTION II. HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>ACHIH</th>
<th>OSHA PEL</th>
<th>TLV</th>
<th>LIMITS</th>
<th>PERCENT</th>
<th>OPTIONAL</th>
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<tbody>
<tr>
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**SECTION III. PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212 Degrees F</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>As water</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>1</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Pinkish-red color; Icherry odor</td>
</tr>
<tr>
<td>Melting Point</td>
<td>As water</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>1.04</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>As water</td>
</tr>
</tbody>
</table>

**SECTION IV. FIRE AND EXPLOSIVE DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>None closed cup</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, foam, CO2, dry chemical</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None</td>
</tr>
<tr>
<td>Unusual Fire and Explosive Hazards</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**SECTION V. REACTIVITY DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Keep from freezing</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>None</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
<tr>
<td>Incompatibility (Material to avoid)</td>
<td>Acids, oxidizers</td>
</tr>
</tbody>
</table>

**SECTION VI. HEALTH HAZARD DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route of Entry</td>
<td>Inhalation: No</td>
</tr>
<tr>
<td></td>
<td>Skin: No</td>
</tr>
<tr>
<td></td>
<td>Ingestion: Yes</td>
</tr>
<tr>
<td>Health Hazards (Acute and Chronic)</td>
<td>Eye and skin irritation. No known chronic effect</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>NTP: No</td>
</tr>
<tr>
<td></td>
<td>ARC Monographs: No</td>
</tr>
<tr>
<td></td>
<td>OSHA Regulated: No</td>
</tr>
<tr>
<td>Sign and Symptoms of Exposure</td>
<td>Irritation and redness</td>
</tr>
<tr>
<td>Medical Conditions Generally Aggravated by Exposure</td>
<td>None</td>
</tr>
</tbody>
</table>

**Emergency/First Aid Procedures:**

- **Eyes:** Flush with water for 15 minutes  
- **Ingestion:** Get medical attention, if needed  
- **Skin:** Wash well with soap and water  
- **Inhalation:** Remove to fresh air

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**MANUFACTURER:** Pioneer Research  
**ADDRESS:** 3110 N. 19TH Avenue, Suite 200 Phoenix, AZ 85012  
**EMERGENCY TELEPHONE:** 800-255-3924
SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Soak up with absorbent. Flush away with water
Waste Disposal: Follow local, state and federal regulations
Handling/Storage: Keep container closed when not in use. Store in cool, dry place
Other Precautions: Keep out of the reach of children

SECTION VIII. CONTROL MEASURES

No respiratory protection normally required. Wear rubber gloves. Wear goggles for eye protection. Eye wash station and safety shower should be accessible. Follow normal hygiene practices. For industrial use only.

KEEP OUT OF THE REACH OF CHILDREN
MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: REFRESH-G
PRODUCT CODE: 550

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s))
CAS#   OSHA PEL   ACHIH TLV
Contains no hazardous components as listed in 29 CFR 1910.1000 or other pertinent section of OSHA Regulation.

This chemical may contain chemical(s) which are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). Because of this you may be required to submit this MSDS to state and local emergency response organizations (SERC and LEPC) and to your local fire department. In addition, you may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility.

SECTION III. PHYSICAL DATA

Boiling Point: N/A    Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A    Solubility in Water: Insoluble
Specific Gravity (H2O = 1): N/A    Melting Point: N/A
Evaporation Rate: N/A    Appearance/Odor: Light Red Granular, Cherry Odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): None
Flammable Limits: LEL: N/A  UEL: N/A
Extinguishing Media: Dry powder, Carbon Dioxide, Chemical Foam or Water Fog
Special Fire Fighting Procedures: None
Unusual Fire and explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Material to avoid): Do not mix with any other chemicals.
Hazardous Decomposition: Burning of material may produce oxides of nitrogen and carbon dioxide.
Hazardous Polymerization: Will Not Occur
SECTION VI. HEALTH HAZARD DATA

Route of Entry:  
- Inhalation: Yes
- Skin: No
- Ingestion: Yes

Health Hazards (Acute and Chronic): Repeated exposure may trigger allergic response in susceptible persons.
  - Eyes: Eye contact may cause mild irritation.
  - Ingestion: Nausea, diarrhea.
  - Inhalation: Inhalation may cause irritation of respiratory tract.

Carcinogenicity:  
- NTP: No
- ARC Monographs: No
- OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: Individuals with known allergies or asthma conditions should avoid dusty conditions.

Emergency/First Aid Procedures:  
- Eyes: Flush with plenty of cool water for at least 15 minutes.
- Inhalation: Remove to fresh air. Contact physician, if needed.
- Ingestion: Give person several glasses of water and induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.
- Skin: Rinse off with soap and water

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Ventilate area to prevent accumulation of dust. Sweep up material and place in a closed container.
Waste Disposal: Follow Local, State and Federal regulations.
Handling/Storage: Store in cool dry place. Keep container closed when not in use.
Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use adequate ventilation. Mechanical not required.
Ventilation: Local exhaust recommended.
Other Protective Equipment: Rubber gloves, plastic goggles.

This data contained herein is drawn from recognized sources and believed to be accurate as of the date of issue. This information is intended for use by persons who have or should obtain professional knowledge and experience in subjects discussed, and is presented only for your evaluation of the suitability of this product for your use, and for compliance with Federal and State regulations. The manufacturer makes no warranty, expressed or implied, and disclaims all liability for accuracy, completeness and reliability of any information contained herein.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: ROOF-IT
PRODUCT CODE: 830

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name(s))

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>5/mg/m3</td>
<td>5/mg/m3</td>
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<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>100ppm</td>
<td>100ppm</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 300°F - 390°F
Vapor Pressure (mm Hg): 2.0 68°F
Vapor Density (AIR = 1): >1
Solubility in Water: Negligible
Specific Gravity (H2O = 1): 1.0
Melting Point: N/A
Evaporation Rate: <1
Appearance/Odor: Black thick material, solvent odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): 105°F PMCC
Flammable Limits: LEL: 1 UEL: 6
Extinguishing Media: Foam, CO2, dry chemical, water fog
Special Fire Fighting Procedures: Wear full protective gear. Use water to cool off containers.
Unusual Fire and explosion Hazards: Containers should be cooled off with water to prevent vapor pressure buildup which could result in container rupture.

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Avoid heat and open flames.
Incompatibility (Material to avoid): Oxidizing agents such as chlorine, sodium hypochlorine.
Hazardous Decomposition: Carbon Monoxide
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes    Skin: Yes    Ingestion: Yes

Health Hazards (Acute and Chronic):
- Skin: Prolonged or repeated skin contact can cause defatting and drying of the skin.
- Eyes: May cause discomfort or irritation to the eye.
- Ingestion: Gastrointestinal irritation, nausea, vomiting.
- Inhalation: Breathing of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache. Continued inhalation may result in unconsciousness.

Carcinogenicity: NTP: No    ARC Monographs: No    OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Emergency/First Aid Procedures:
- Eyes and Skin: Flush with plenty of water. Get medical attention, if needed.
- Inhalation: Remove to fresh air and provide oxygen, if necessary. Give artificial respiration, if not breathing. Get medical attention.
- Ingestion: If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical help.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE


Waste Disposal: Dispatch to approved waste disposal facility. Comply with all Local, State and Federal regulations.

Handling/Storage: Keep containers closed when not in use. Keep away from heat, sparks and flame.

Other Precautions: Empty containers may contain explosive vapors. Do not cut, drill, grind, etc. on or near containers.

KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use a NIOSH approved respirator when the exposure limits exceed the TLV limits.

Ventilation: Use explosion proof ventilation as required to control vapor concentrations. Local exhaust and mechanical ventilation are recommended.


The information in this MSDS was obtained from current and reputable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user’s responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury damage or expense resulting from the misuse of this product.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION PHONE: 602-230-0012  
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: ROYAL FLUSH  
NFPA HAZARD IDENTIFICATION SYSTEM:  
PRODUCT DESCRIPTION: Liquid Bacteria/Enzyme Solution0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 530  HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CAS#</td>
<td>%</td>
<td>PEL</td>
<td>TLV</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>302 355 372</td>
</tr>
</tbody>
</table>

Contains no hazardous components as defined in 29 CFR 1910.1200

KEY:
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 6.0-7.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Complete
Specific Gravity (water = 1): 1.03  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <10%  Evaporation Rate (water = 1): N/D
Appearance/Odor: Hazy, dark blue liquid; pleasant fragrance.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  (TEST METHOD): Closed Loop
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable  Incompatibility (Specific Materials to Avoid): None
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
   Eyes: Mild irritation and redness.
   Skin: Irritation, defatting of skin with prolonged exposure. Bacterial infection may occur through open wounds or broken skin.
   Ingestion: Nausea, cramps, diarrhea. Aspiration of this product may occur.
   Inhalation: None known under normal use.

First Aid Procedures:
   Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin: Wash with water. In case of contact with open wounds or broken skin, wash affected area with soap and water and apply a topical antiseptic agent.
   Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Never give anything to an unconscious person.
   Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or recover for reuse. Rinse remaining residue with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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OTHER EYE PROTECTION: Use safety glasses or an approved dust mask. If splashing of liquid is possible, use a full face shield to protect the eyes and face.

OTHER RESPIRATORY PROTECTION: Use a self-contained breathing apparatus (SCBA) with a full face piece positive pressure, at least N95 (FFP2) particulate respirator or a portable air purifying respirator (PAR) with a high efficiency particulate arrestance (HEPA) filter for THIS MATERIAL.

IF INHALED: Remove victim to fresh air and keep relaxed. If shortness of breath occurs, give rescue breathing if trained to do so. Call a physician if symptoms persist.

INhofEAL EXPOSURE: Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration. Call a physician if symptoms persist.

IF SWALLOWED: DO NOT induce vomiting unless instructed to do so by the physician or Poison Control Center. Give large amounts of water. Call a physician if symptoms persist.

IF SKIN CONTACT: Remove contaminated clothing and shoes. Wash skin with soap and water. Call a physician if symptoms persist.

IF IN EYES: Remove any contact lenses. Rinse eyes immediately with large amounts of water for 15 minutes, keeping eyelids open. If irritation persists, call a physician.

This is a confidential document. Use of this information is subject to the confidentiality agreement.
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SAFETY FIRST ARP-424
CHEMICAL FORMULATION: Citrus Based Degreaser
PRODUCT CODE: 424

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insigniﬁcant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless:

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA PEL</th>
<th>OSHA TLV</th>
<th>ACGIH</th>
<th>EPA 40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethoxylated Alkyl Amine</td>
<td>68478-95-5</td>
<td>&lt;2.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N N</td>
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<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>&lt;2.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N N N N</td>
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<tr>
<td>Tetranolamine</td>
<td>102-71-6</td>
<td>1.00-5.00</td>
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<td>N/E</td>
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<td>d-Limonene</td>
<td>5989-27-5</td>
<td>5.00-10.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
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SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 0.995
VOC Content (% by weight): 6.9
Appearance/Odor: Clear - hazy, orange liquid; citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): 134  (TEST METHOD): Closed Cup
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire-exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizers and acids.
Conditions to Avoid: Excess heat and open flame.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mile to moderate irritation and redness.
- Skin: Irritation, redness dryness with prolonged or repeated exposure. May contain a possible sensitizer.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: None known under normal use.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention
- Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person several glasses of water. Do not induce vomiting unless told to do so by a physician or a poison control center. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed bontainer for proper disposal or flush away with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer's recommendations.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Chemical goggles or safety glasses.

Other Protective Equipment: None.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly close when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None DOT ID NUMBER: None DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SALT RINSE
PRODUCT FORMULATION: Inorganic Acid Solution
PRODUCT CODE: 385

NFPA HAZARD IDENTIFICATION SYSTEM:
- 0-Insignificant
- 1-Slight
- 2-Moderate
- 3-High
- 4-Extreme

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA</th>
<th>40 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Spirits</td>
<td>8052-41-3</td>
<td>&gt;90.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: N/A
- Vapor Density (AIR = 1): N/D
- Specific Gravity (water = 1): 0.787
- VOC Content (% by weight): >90.0
- Appearance/Odor: Clear, colorless liquid; characteristic solvent odor.

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (°F): 103
- Flammability Limits in Air (Volume %): Upper: N/E Lower: N/E
- Extinguishing Media: Water, Carbon Dioxide, Dry Chemical
- Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: May emit toxic fumes when heated. Vapors may travel considerable distance to a source of ignition and flash back.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong acids and oxidizing agents.
- Conditions to Avoid: Heat, sparks or open flame.
- Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and sulfur oxide.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Moderate irritation, redness, tearing, blurred vision.
- Skin: Irritation with prolonged or repeated contact, dermatitis.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting. May be harmful or fatal if swallowed. Small amounts of the liquid aspirated into the respiratory tract during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema.
- Inhalation: Irritation to upper respiratory tract, dizziness, weakness, headache, nausea and unconsciousness.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Remove contaminated clothing and launder before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. Perform artificial respiration if indicated. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Neutralize spill with baking soda and flush with water.
Waste Disposal Method: Consult local environmental authorities for disposal in accordance with state and local regulations.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses and/or chemical goggles.
Other Protective Equipment: Eye wash station.
Precautions for Handling and Storage: Corrosive material. Store in dry from alkaline material and reactive chemicals. Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compound, cleaning liquid (sulfamic acid)
DOT CLASS: 8 DOT ID NUMBER: NA1760 DOT PACKING GROUP: III

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MATERIAL SAFETY DATA SHEET PAGE 1 OF 2 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-255-3924


SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SCREEN CLEANER HMIS Rating (Based pm Aerosol Conc.): 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Extreme
PRODUCT TYPE: Aerosol HEALTH: 0 FIRE: 1 REACTIVITY: 0
FORMULA: Proprietary PERSONAL PROTECTION: A
DOT HAZARD CLASS: Consumer Commodity ORM-D

SECTION II. INGREDIENTS

Hazardous Components CAS# % WT 313/CHEM SKIN CARCINOGEN PEL TWA/TLV
Isopropyl Alcohol 67-83-0 05-10 NO NO NO 400ppm 400ppm
Polydimethylsiloxane 63148-62-9 01-05 NO NO NO N/E N/E
Liquified Petroleum Gas 68476-85-7 05-10 NO NO NO 1000ppm 1000ppm

SECTION III. PHYSICAL DATA

Data Below Based on Aerosol Concentrate Only:
Boiling Point: 216° F pH: 11.0
Vapor Density (AIR = 1): >1 Solubility in Water: Complete
Specific Gravity (H2O = 1)@70°F: 1.005 Appearance/Odor: White Foam with Alcohol Odor

Data Below Based on Total Contents:
Vapor Pressure of can(psig @70° F): 5.6
Total VOC %: -12%

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): None to boiling (~212°F - TOC)
Flammability: (as per USA Flam Projection Test): Non-flammable spray
Extinguishing Media: Foam, CO2, Dry Media
Special Fire Fight Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V. REACTIVITY DATA

Stability: Material Stable
Hazardous Polymerization: Will Not Occur.
Incompatibility (Specific Materials to Avoid): Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.
SECTION VI. HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.
Precautions for Handling and Storage: Store in a cool, dry area from heat or open flame. Do not store at temperatures above 120°F.
NFPA Code 30B Rating: Level 1 Aerosol

SECTION VII. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry and Effects of Overexposure:
   Eyes: May cause slight irritation, but does not injure eye tissue.
   Skin: Frequent or prolonged contact may cause irritation.
   Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
   Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

First Aid Procedures:
   Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.
   Skin: Wash with soap and water. If irritation persists, seek medical attention.
   Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.
   Ingestion: DO NOT induce vomiting. Seek medical attention immediately.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Allow propellant and solvent to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and swept up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and Local laws.

Waste Disposal Method: Aerosol cans when emptied and depressurized through normal use pose no disposal hazard and should be recycled. Consult Federal, State and Local authorities for approved procedures.

N/A=Not Applicable  N/E=Not Established  N/D=Not Determined  <=Less Than  >=More Than

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<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MATERIAL</th>
<th>Hazardous</th>
<th>Incompatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>Polydimethylsiloxane</td>
<td>Hazardous</td>
<td></td>
</tr>
</tbody>
</table>

**EMERGENCY TELEPHONE:** 1-800-255-3924  
**GENERAL INFORMATION TELEPHONE:** 602-230-0012  
**MANUFACTURER:** Pioneer Research  
3110 N. 19TH Avenue, Suite 200  
Phoenix, Arizona 85015
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SEAL IT                      NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT DESCRIPTION: Epoxy Ester Floor Finish  0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 124                           HEALTH: 2  FLAMMABILITY: 2  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
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<td>10.0-20.0</td>
<td>100ppm</td>
<td>100ppm</td>
<td>Y</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>8052-41-3</td>
<td>55.0-65.0</td>
<td>100ppm</td>
<td>100ppm</td>
<td>N</td>
</tr>
</tbody>
</table>

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SECTION III. PHYSICAL DATA

- Boiling Point: N/D
- pH: N/A
- Vapor Density (AIR = 1): N/D
- Solubility in Water: Insoluble
- Specific Gravity (water = 1): 0.86
- Vapor Pressure (mm Hg): N/D
- VOC Content (% by weight): 70.0-80.0
- Evaporation Rate (water = 1): >1.0
- Appearance/Odor: Clear, amber liquid; characteristic solvent odor.

SECTION IV. FIRE AND EXPLOSION DATA

- Flash Point (F): 104
- (TEST METHOD): Closed Cup
- Flammability Limits in Air (Volume %): Upper: N/D
- Lower: N/D
- Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical
- Special Fire Fight Procedures: Use water spray to cool fire-exposed containers. Firefighters must use full protective gear including self contained breathing apparatus.
- Unusual Fire and Explosion Hazards: Solvent vapors may cause flashback. Vapors are heavier than air and may travel along the ground or be moved by ventilation.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility (Specific Materials to Avoid): Strong oxidizing agents.
- Conditions to Avoid: Heat or open flame.
- Hazardous Decomposition Products: Thermal decomposition may yield thick smoke, irritating fumes and oxides of carbon.
- Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Severe irritation and redness, tearing, blurred vision.
- Skin: Moderate irritation, defatting with prolonged contact.
- Ingestion: Gastrointestinal irritation, nausea, vomiting, harmful if swallowed.
- Inhalation: Respiratory tract irritation, nausea, vomiting.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Remove contaminated clothing and launder separately before reuse. Wash with soap and water.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a poison control center or doctor.
- Inhalation: Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: Eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

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The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SETTLE IT
PRODUCT DESCRIPTION: Settle Agent Concentrate, Flocculent
PRODUCT CODE: 384

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>%</td>
<td>PEL</td>
<td>TLV</td>
<td>302</td>
</tr>
<tr>
<td>Contains no hazardous components as defined in 29 CFR 1910.1200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4) 355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D pH: N/A
Vapor Density (AIR = 1): N/D Solubility in Water: Soluble
Specific Gravity (water = 1): 1.01 Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D Evaporation Rate (water = 1): 1
Appearance/Odor: Clear to light yellow liquid; no odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None known.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Redness, dryness and irritation, with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: None expected under normal use.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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--- CONFIDENTIAL PROPERTY OF PIONEER RESEARCH CORPORATION 3443 N. CENTRAL AVE. SUITE 1200 PHOENIX, AZ. 85012 PH (602) 230-0012 FAX (602) 230-7444 ---
MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SETTLE IT - NI
PRODUCT DESCRIPTION: Silt and Sand Flush
PRODUCT CODE: 380

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant
1-Slight
2-Moderate
3-High
4-Extreme

HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

SUBSTANCE CAS# APPROX % PEL TLV EPA 40 CFR:
Contains no hazardous components as defined in 29 CFR 1910.1200

KEY: PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 0.993
VOC Content (% by weight): N/D
Appearance/Odor: Clear to hazy, colorless liquid; no odor

pH: N/A
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None known.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Redness, dryness and irritation, with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: None expected under normal use.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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NOTICE:
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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: SILVER STREAK
PRODUCT CODE: 830

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s))

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>5/mg/m^3</td>
<td>5/mg/m^3</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>100ppm</td>
<td>100ppm</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: 400-900°F
Vapor Density (AIR = 1): >1
Specific Gravity (H2O = 1): 1.0
Evaporation Rate: <1

Vapor Pressure (mm Hg): 2.0
68°F
Solubility in Water: Negligible
Melting Point: N/A
Appearance/Odor: Black thick liquid, solvent odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): 105°F PMCC
Flammable Limits: LEL: 1 UEL: 6
Extinguishing Media: Foam, CO2, Dry Chemical, Water Fog
Special Fire Fighting Procedures: Wear full bunker gear. Use water to cool off containers.
Unusual Fire and explosion Hazards: Containers should be cooled off with water to prevent vapor pressure buildup which could result in container rupture.

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Avoid heat and open flames.
Incompatibility (Material to avoid): Oxidizing agents such as chlorine, sodium hypochlorine.
Hazardous Decomposition: Carbon Monoxide
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None
SECTION VI. HEALTH HAZARD DATA

Route of Entry:  
Inhalation: Yes  
Skin: Yes  
Ingestion: Yes

Health Hazards (Acute and Chronic):  
Skin: Prolonged or repeated skin contact can cause defatting and drying of the skin.  
Eyes: May cause discomfort or irritation to the eye.  
Ingestion: Gastrointestinal irritation, nausea, vomiting.  
Inhalation: Breathing of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache. Continued inhalation may result in unconsciousness.

Carcinogenicity: NTP: No  
ARC Monographs: No  
OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Emergency/First Aid Procedures:  
Eyes and Skin: Flush with plenty of water. Get medical attention, if needed.  
Inhalation: Remove to fresh air and provide oxygen. Get medical attention.  
Ingestion: If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical help.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Eliminate sources of ignition. Dike and contain spill. Remove with inert absorbent and non sparking tools.

Waste Disposal: Dispatch to approved waste disposal facility. Comply with all Local, State and Federal regulations.

Handling/Storage: Keep containers closed when not in use. Keep away from heat, sparks and flame.

Other Precautions: Empty containers may contain explosive vapors. Do not cut, drill, grind, etc. on or near containers.

KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use a NIOSH approved respirator when the exposure limits exceed the TLV limits.

Ventilation: Use explosion proof ventilation as required to control vapor concentrations. Local exhaust and mechanical ventilation are recommended.


The information in this MSDS was obtained from current and reputable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury damage or expense resulting from the
**MATERIAL SAFETY DATA SHEET**

**MANUFACTURER:** Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

**GENERAL INFORMATION TELEPHONE:** 602-230-0012  
**EMERGENCY TELEPHONE:** 800-255-3924

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**SECTION I. IDENTIFICATION OF PRODUCT**

**PRODUCT NAME:** SKY KING  
**PRODUCT DESCRIPTION:** Super Safe Aircraft Wash  
**PRODUCT CODE:** 080

---

**SECTION II. HAZARDOUS INGREDIENTS**

This material is non-hazardous and non-polluting to the environment as defined in 29CFR 1901 1200

**NOTE:** The only hazard associated with this product is that it is moderately alkaline and accidental splashing of the concentrated into the eyes could result in severe irritation if it is not quickly and thoroughly rinsed. Consult Section VI for precautions.

---

**SECTION III. PHYSICAL DATA**

- **Boiling Point:** 212 Degrees F  
- **Vapor Pressure (mm Hg):** N/A  
- **Vapor Density (AIR = 1):** N/A  
- **Solubility in Water:** COMPLETE  
- **Appearance/Odor:** Green liquid; bland odor  
- **Specific Gravity (H2O = 1):** 1.005/20C  
- **Flash Point PMCC:** >300F  
- **LEL/VEL:** N/A  
- **pH:** Approximately 10-10.2

---

**SECTION IV. FIRE AND EXPLOSIVE DATA**

- **Flammability Data:** Not Flammable or explosive

---

**SECTION V. REACTIVITY DATA**

Not reactive. Will not polymerize. The mixture is stable under the common conditions of use.

---

**SECTION VI. HEALTH HAZARD DATA**

- **Carcinogenicity:** NTP: No  
- **ARC Monographs:** No  
- **OSHA Regulated:** No

- **Eye Contact:** Concentrate may irritate eyes.  
- **Skin Contact:** The product is essentially non-irritating, but may aggravate any pre-existing dermatitis. In such cases, protective gloves may be used.  
- **Inhalation:** No hazardous fumes or vapors are expected from the normal use of this product. Steam application should be in a well ventilated area.  
- **Ingestion:** Ingestion of concentrate may cause gastric distress depending on quantity.

**Emergency/First Aid Procedures:**

- **Eyes:** Flush with water for 5 to 10 minutes. If irritation persists, get medical attention  
- **Ingestion:** Drink plenty of water. Get medical attention, if symptoms persist.

---

**SECTION VII. SPILL, LEAK, DISPOSAL PROCEDURES**

May be flushed into ground, sanitary or sewage system when properly diluted with water where permitted by local ordinance.

---

**SECTION VIII. CONTROL MEASURES**

No special precautions other than to practice standard industrial hygiene procedure. As with any chemical, keep out of the reach of children. This product for industrial use only.
Emergency/First Ingestion:

Inhalation:

Not reactive. Will not polymerize. The mixture is stable under the common conditions of use.

This material is non-hazardous and non-polluting to the environment as defined in 29CFR 1901.1200.

PRODUCT NAME:

EMERGENCY TELEPHONE: 800-255-3924

MANUFACTURER: Pioneer Research Corporation 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research  3110 N. 19TH Avenue, Suite 200  Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SNOW PLOW COATING
PRODUCT FORMULATION: Protective Coating Mixture
PRODUCT CODE: 710

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
<th>302</th>
<th>355</th>
<th>372</th>
</tr>
</thead>
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<tr>
<td>Sulfamic Acid</td>
<td>5329-14-6</td>
<td>&lt;5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 1.0
VOC Content (% by weight): 0
Appearance/Odor: Clear, water white liquid; cherry fragrance

pH: 2.0
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): N/A
TEST METHOD: N/A
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Alkaline materials, metals and metal salts.
Conditions to Avoid: Do not mix with chlorine bleach, ammonia or any other cleaning chemicals. Do not spray to create a mist. Do not heat to create vapors.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and sulfur oxide.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation:  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
  Eyes: Moderate to severe irritation, redness, tearing, blurred vision, destruction of tissue.
  Skin: Irritation with prolonged or repeated exposure.
  Ingestion: Severe burns to mucous membranes, nausea, vomiting, diarrhea.
  Inhalation: Irritation to upper respiratory tract.

Emergency and First Aid Procedures:
  Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
  Skin: Remove contaminated clothing and launder before reuse. Wash with soap and water.
  Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water followed with milk of magnesia. Do not induce vomiting. Never give anything to an unconscious person.
  Inhalation: Remove person to fresh air.

SECTION VIII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Soak up with inert absorbent material or flush away with water.
Waste Disposal Method: Consult local environmental authorities for disposal in accordance with state and local regulations.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Not required under normal use.
Ventilation:  Local - Recommended  Mechanical - Not Required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: SOLV-IT
PRODUCT DESCRIPTION: Powdered cleaner/degreaser
PRODUCT CODE: 210

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Butoxy Ethanol</td>
<td>50 ppm</td>
<td>25</td>
<td>700 ppm(IDLH)</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>2 mg/M3</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Pale Green Powder with butyl characterisitlic odor</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSIVE DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>Not flammable</td>
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<tr>
<td>Flammable Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>N/A</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>N/A</td>
</tr>
<tr>
<td>Unusual Fire and Explosive Hazards</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>None</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
<tr>
<td>Incompatibility (Material to avoid)</td>
<td>Strong oxidizers, strong caustics</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Route of Entry:  Inhalation: No  Skin: Yes  Ingestion: Yes

Health Hazards (Acute and Chronic): Irritation of eyes and skin

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Sign and Symptoms of Exposure: Irritation of eyes, nose and skin

Medical Conditions Generally Aggravated by Exposure: Dermal abrasions

Emergency/First Aid Procedures:
   Eyes: Flush with water and see physician
   Ingestion: Treat as alkaline detergent and see physician
   Skin: Flush with water; if irritation persists, see physician

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Shovel up excess. Then flush thoroughly with water to remove residue

Waste Disposal: According to local state and federal regulations only

Handling/Storage: Store in a cool, dry area

Other Precautions: Wash thoroughly after handling

SECTION VIII. CONTROL MEASURES

No respiratory protection normally required. Avoid prolonged breathing of dusts and mists. Ventilation with local exhaust, as required. Wear protective rubber gloves, if washing by hand. Wear goggles to prevent eye contact; eye wash should be accessible.

KEEP OUT OF THE REACH OF CHILDREN
**PRODUCT MATERIAL**

- **Identity:** 2 Butoxy Ethanol
- **CAS#:** 111-76-2

**Appearance/Odor:** Pale Green

**Evaporation:** N/A

**Boiling Points:** N/A

**Density:** N/A

**Flash Point:** N/A

**Solubility:** N/A

**Specific Gravity:** N/A

**Odor Threshold:** N/A

**Vapor Pressure:** N/A

**Odor:** N/A

**Appearance:** Transparent

**Vapor Density:** N/A

**Order of Solubility:** N/A

**Appearance of Vapor:** N/A

**Odor of Vapor:** N/A

**Appearance of Water:** N/A

**Odor of Water:** N/A

**Appearance of Combustion Products:** N/A

**Odor of Combustion Products:** N/A

**Order of Reactivity:** N/A

**Appearance of Reaction Products:** N/A

**Odor of Reaction Products:** N/A

**Spill Response:**
- **Handling:** Wash up thoroughly in local exhaust.
- **Storage:** Cool in a ventilated area.

**Waste:**
- **Spill:** Shovel up and dispose of in a hazardous waste container.
- **Handling:** Wash up thoroughly in local exhaust.

**Medical Carcinogenicity:**
- **Handling:** Flush with water.
- **Storage:** Cool in a ventilated area.

**Health:**
- **Skin:** Avoid contact; wash with soap and water if necessary.
- **Ingestion:** Treat with alkaline water and see physician.
- **Inhalation:** Flush with water and see a physician if necessary.

**Incompatibility:**
- **Common Name:** Saponifiable
- **Component Name:** Intrinsically

**Hazardous Decomposition:**
- **Flash Point:** Not flammable
- **Flammable Limit:** N/A

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A

**Flash Point:** Not flammable

**Extinguishing Media:**
- **Fire:** Water
- **Explosive Decomposition:** N/A
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: SOS (SUPER OIL SWEEP)
PRODUCT DESCRIPTION: Liquid Absorbent

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name(s))

<table>
<thead>
<tr>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT OPT OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A/5mg/m3</td>
<td>N/A/10m/m3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Contains no hazardous ingredients.

SECTION III. PHYSICAL DATA

Boiling Point: Solid
Vapor Pressure (mm Hg): Solid
Vapor Pressure

Flammable Limits: Non-flammable
Solubility in Water: Insoluble in water and most acids
Specific Gravity (H2O = 1): .08-.20
Melting Point: 2400°F
Appearance/Odor: White powder; no odor

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): None
Extinguishing Media: None, if product is unused. If used, collect flammable liquid, consult MSDS(s) of flammable liquid collected.
Special Fire Fighting Procedures: None, if product is unused. If used, collect flammable liquid, consult MSDS(s) of flammable liquid collected.
Unusual Fire and Explosive Hazards: None, if product is unused. If used, collect flammable liquid, consult MSDS(s) of flammable liquid collected.

SECTION V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Hydrofluoric Acid when used with this product produces a toxic gas.
Hazardous Decomposition: None
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Hydrofluoric Acid: (WARNING) the combination of Silica which produces Hydrofluoric Acid
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes Skin: No Ingestion: Yes
Health Hazards (Acute and Chronic): None

Carcinogenicity: Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Sign and Symptoms of Exposure: None
Medical Conditions Generally Aggravated by Exposure: None

Emergency/First Aid Procedures:
  Eyes: Immediately flush with water for 15 minutes. If irritation persists, consult a physician.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Material itself requires no special procedures.
Waste Disposal: Suitable housekeeping methods in accordance with State and Local regulations.
Handling/Storage: None required.
Other Precautions: None required.

SECTION VIII. CONTROL MEASURES

No protection normally required. Wash hands after use. KEEP OUT OF THE REACH OF CHILDREN.
<table>
<thead>
<tr>
<th>PRODUCT MATERIAL</th>
<th>HAZARDOUS</th>
<th>HAZARDOUS</th>
<th>HAZARDOUS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Handling/Storage:**

- **Spill**
- **Emergency/First Medical Response:**

**Carcinogenicity:**

- **NAME:**
- **PROPERTY OF:**

**Extinguishing:**

- **Flammable:**
- **Point of Disposal:**
- **Fire Conditions:**

**Evaporation:**

- **Specific Vapor Point:**
- **Polymerization:**

**Appearance/Odor:**

- **Stable:**
- **No protection (Material Name):**

**NAME:**

- **SOS INFORMATION:**
- **HAZARDOUS COMBINATION:**

**Absorbent:**

- **Nil:**
- **Acid:**

**Fire:**

- **None:**
- **If product is used, consult MSDS(s):**

**Water:**

- **If liquid, collect it:**
- **If liquid, consult MSDS(s):**

**Point:**

- **If liquid, consult MSDS(s):**
- **If liquid, consult MSDS(s):**

**Melting Point:**

- **2400°F:**
- **Hydrofluoric Acid:**

**Pressure:**

- **If liquid, consult MSDS(s):**
- **If liquid, consult MSDS(s):**

**Liquid:**

- **Water insoluble:**
- **Water soluble:**

**Point:**

- **Nil:**
- **If liquid, consult MSDS(s):**

**Swine:**

- **Nil:**
- **Hydrofluoric Acid:**

**Specific Risk:**

- **Acid:**
- **Hydrofluoric Acid:**

**Local:**

- **Nil:**
- **Hydrofluoric Acid:**

**State:**

- **Nil:**
- **Hydrofluoric Acid:**

**Material:**

- **Nil:**
- **Hydrofluoric Acid:**

**Society:**

- **Nil:**
- **Hydrofluoric Acid:**

**Industry:**

- **Nil:**
- **Hydrofluoric Acid:**

**NTP:**

- **Nil:**
- **Hydrofluoric Acid:**

**IARC:**

- **Nil:**
- **Hydrofluoric Acid:**

**HC:**

- **Nil:**
- **Hydrofluoric Acid:**

**OSHA:**

- **Nil:**
- **Hydrofluoric Acid:**

**SOS INFORMATION:**

- **STAY ALERT:**
- **CALL 911:**

**HAZARDOUS COMBINATION:**

- **Acid:**
- **Hydrofluoric Acid:**

**Non-Hazardous:**

- **None:**
- **None:**

**Exposure:**

- **None:**
- **None:**

**Behavior:**

- **None:**
- **None:**

**Safety:**

- **Immediate:**
- **None:**

**Hazard:**

- **None:**
- **None:**

**Emergency Telephone:** 800-255-3924

**Manufacturer:** Pioneer Research

**Address:** 3443 N. Central Avenue, Suite 1200

**City:** Phoenix

**State:** Arizona

**ZIP Code:** 85012

**Phone:** (602) 230-0012

**Fax:** (602) 230-7444
MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015
GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SUPER SAFE SOLV
PRODUCT FORMULATION: Pressurized Non-Flammable
PRODUCT CODE: 8200 Cleaner

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trichloroethylene</td>
<td>79-01-6</td>
<td>&gt;90.0</td>
<td>50ppm</td>
<td>50ppm</td>
<td>Y N Y</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1.00-5.00</td>
<td>10,000ppm</td>
<td>5000ppm</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit
N/A = Not Applicable N/D = Not Determined N/E = Not Established Y = Yes N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: 188.4
pH: N/A
Vapor Density (AIR = 1): 4.5
Solubility in Water: Insoluble
Specific Gravity (water = 1): 1.46
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): >90.0
Evaporation Rate (water = 1): >1.0
Appearance/Odor: Clear, water-white liquid; chlorinated solvent odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: 10.5 Lower: 8
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Oxidizers, strong acids, alkalis and aluminum.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce hydrogen chloride and traces of phosgene.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: SUPER SAFE SOLV

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: Trichloroethylene (IARC 2A).

Effects of Overexposure:
- Eyes: Moderate to severe irritation.
- Skin: Redness, dryness, irritation, dermatitis with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: Irritation to upper respiratory tract, CNS depression, cardiac sensitization.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and water. Obtain medical attention. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer's recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant

Eye Protection: Safety glasses and/or face shield.

Other Protective Equipment: Eye wash station. Impervious clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat and open flame. Do not store in temperatures above 120°F. Do not puncture or incinerate cans.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Consumer Commodity.

DOT CLASS: ORM-D

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
damages than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging,
MATERIAL SAFETY DATA SHEET PAGE 1 OF 2 REVISION DATE: 1/1/2010

MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

--- SECTION I. IDENTIFICATION OF PRODUCT ---

PRODUCT NAME: SUPER SOLV PLUS
PRODUCT DESCRIPTION: Concentrated Cleaner/Degreaser
PRODUCT CODE: 110

--- SECTION II. HAZARDOUS INGREDIENTS ---

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy Ethanol</td>
<td>6814-92-0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>.5</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>1310-58-3</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>.3</td>
</tr>
<tr>
<td>Potassium Hydroxide</td>
<td>68412-54-4</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>.3</td>
</tr>
</tbody>
</table>

--- SECTION III. PHYSICAL DATA ---

Boiling Point: >212 Degrees F  
Vapor Density (AIR = 1): N/A  
Appearance/Odor: Dark blue liquid with mild butyl odor  
Freezing Point: N/A  
% Volatile by Volume: 85  
Vapor Pressure (mm Hg): N/A  
Solubility in Water: COMPLETE  
Specific Gravity (H2O = 1): 1.1  
Evaporation Rate: N/A  
pH: 11.9

--- SECTION IV. FIRE AND EXPLOSIVE DATA ---

Flammability Data: Not Flammable or explosive

--- SECTION V. REACTIVITY DATA ---

Stability: Stable  
Incompatibility (Material to avoid): N/A  
Hazardous Decomposition: Strong Acids  
Hazardous Polymerization: Will Not Occur
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: No  Skin: No  Ingestion: No

Health Hazards (Acute and Chronic): Possible diarrhea, if ingested. May irritate eyes

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Sign and Symptoms of Exposure: Mild skin irritation, slight redness to skin, tearing of eyes. May cause indigestion

Medical Conditions Generally Aggravated by Exposure: Dermatitis

Emergency/First Aid Procedures

Eyes: Flush with large amounts of water for at least 15 minutes and see physician, if irritation persists

Ingestion: Call physician or Poison Control Center. Give several glasses of water. NEVER give anything by mouth to an unconscious person

SECTION VII. SPILL OR LEAK PROCEDURES

Spill Response: Absorb with earth, sand or similar material and dispose of with waste in compliance with local, county, state and federal regulations. Flush spill are with water.

Product Disposal: Incinerate in compliance with local, county, state and federal regulations. Avoid land filling of liquids.

SECTION VIII. CONTROL MEASURES

Precautionary measures are needed. Any normal ventilation is adequate. Protective equipment: chemical goggles or safety glasses for eye protection; impervious gloves and impervious clothing. Wash contaminated clothing before wearing. Avoid contact with eyes and skin. Store away from direct sunlight and away from extremes of heat and cold. Do not use welding or cutting torches on containers, empty or full. As with any chemical, keep out of the reach of children. This product is for industrial use only.

This MSDS is in compliance with the OSHA Hazard Communication Regulation. All the information contained on this MSDS is the latest as the date shown and is offered to the user as a guideline to safety under normal conditions. Follow instructions on the label. Any use or method application not in conformance with this MSDS and product label directions is the total responsibility of the user.
MANUFACTURER: Pioneer Research 3110 N. 19TH Avenue, Suite 200 Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: SUPER TILE
PRODUCT DESCRIPTION: Acid Based Cleaning Solution
PRODUCT CODE: 144

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycolic Acid</td>
<td>79-14-1</td>
<td>1.00-6.00</td>
<td>N/E</td>
<td>N/E</td>
<td>302</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>1.00-5.00</td>
<td>400ppm</td>
<td>400ppm</td>
<td>N/D</td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td>5329-14-6</td>
<td>1.00-5.00</td>
<td>100ppm</td>
<td>100ppm</td>
<td>N/D</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 1.0
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.02  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): 1.00-10.0  Evaporation Rate (water = 1): ~1.0
Appearance/Odor: Hazy, blue liquid; floral fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters must use full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong alkalis.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
  Eyes: Severe irritation, redness, tearing, blurred vision. May cause destruction of tissue, depending upon length of exposure.
  Skin: Redness and irritation with prolonged or repeated contact.
  Ingestion: Burns to mucous membranes, gastrointestinal irritation, cramps.
  Inhalation: Irritation to upper respiratory tract.

First Aid Procedures:
  Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  Skin: Flush skin with water while removing contaminated clothing. If irritation persists, obtain medical attention. Launder contaminated clothing separately before reuse.
  Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
  Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container of proper disposal, or flush away with water.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation:  Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use. Do not mix with any other chemical.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (sulfamic acid).

DOT CLASS: 8  DOT ID NUMBER: UN1760  DOT PACKING GROUP: III

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: SWEEPING COMPOUND-NO SAND  
PRODUCT CODE: 2100

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0  FLAMMABILITY: 1  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name (s)):  
OSHA PEL ACHIH OTHER PERCENT
Highly Refined Base Oils CAS# 64742-65-0 N/A 5mgm3

This product contains no hazardous ingredients.

SECTION III. PHYSICAL DATA

Boiling Point: N/A  
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A  
Solubility in Water: Not Soluble
Specific Gravity (H2O = 1): N/A  
Melting Point: N/A
Evaporation Rate: N/A  
Appearance/Odor: Green, brown; odorless or pine scent

SECTION IV. FIRE AND EXPLOSIVE DATA

Flash Point (Method Used): 325F Open Cup  
Flammable Limits: N/A
Extinguishing Media: Water or Dry Chemical
Special Fire Fighting Procedures: None Required
Unusual Fire and Explosive Hazards: Not Established

SECTION V. REACTIVITY DATA

Stability: Stable
Hazardous Decomposition: N/A
Hazardous Polymerization: Will Not Occur
Incompatibility (Material to avoid): Material is stable and non-reactive

SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Skin: Ingestion: None
Health Hazards (Acute and Chronic): None

Carcinogenicity: IARC classifies the base oils used herein as having no carcinogenic potential.

Sign and Symptoms of Exposure: None
Medical Conditions Generally Aggravated by Exposure: None

Emergency/First Aid Procedures:  
Eyes: Immediately flush with water for 15 minutes. If irritation persists, consult a physician.
SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Material itself requires no special procedures.
Waste Disposal: Suitable housekeeping methods in accordance with State and Local regulations.
Handling/Storage: None required.
Other Precautions: None required.

SECTION VIII. CONTROL MEASURES

No protection normally required. Wash hands after use. KEEP OUT OF THE REACH OF CHILDREN.
Highly Refined Base Oils  CAS# 64742-65-0

PRODUCT CODE:

EMERGENCY TELEPHONE:  800-255-3924

MANUFACTURER:   Pioneer Research    3110 N. 19TH Avenue, Suite 200    Phoenix, Arizona 85015
SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: T AND A GEL STRIPPER
PRODUCT FORMULATION: Gelled Citrus Based Cleaner
PRODUCT CODE: 388

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insensitive 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>PEL</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minerals Spirits</td>
<td>8052-41-3</td>
<td>20.0-30.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>107-21-1</td>
<td>&lt;0.50</td>
<td>50ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>65.0-75.0</td>
<td>N/E</td>
<td>N/E</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Colloidal Silica Dioxide</td>
<td>112945-52-5</td>
<td>1.0-5.0</td>
<td>10mg/m3</td>
<td>10mg/m3</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Methyl-oxirane Polymer</td>
<td>9002-93-1</td>
<td>1.0-5.0</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

with oxirane

KEY: PEL = Permissible Exposure Limit  
     TLV = Threshold Limit Value  
     C = Ceiling Level  
     STEL = Short Term Exposure Limit

N/A = Not Applicable  
N/D = Not Determined  
N/E = Not Established  
Y = Yes  
N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  
Vapor Density (AIR = 1): N/D  
Specific Gravity (water = 1): 0.84  
VOC Content (% by weight): >0.0  
Appearance/Odor: Clear, orange, viscous liquid; citrus odor

PH: N/A  
Solubility in Water: Emulsifies  
Vapor Pressure (mm Hg): N/D  
Evaporation Rate (water = 1): >1.0

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 122°F  
(TEST METHOD): Closed Cup  
Flammability Limits in Air (Volume %): Upper: N/E  
                                        Lower: N/E
Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical  
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

SECTION V. REACTIVITY DATA

Stability: Stable  
Incompatibility (Specific Materials to Avoid): Strong oxidizers.
Conditions to Avoid: Extreme temperatures.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Moderate to severe irritation, possible tearing and redness.
- Skin: Irritation, chapping and dermatitis with prolonged exposure. Contains a possible sensitizer.
- Ingestion: Nausea, cramps, diarrhea. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
- Inhalation: Irritation of the respiratory tract, coughing and headache.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Remove contaminated clothing and launder separately before reuse.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Never give anything by mouth to an unconscious person.
- Inhalation: Remove person to fresh air. Wash with soap and water. If irritation persists, obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.
Ventilation: Local - Recommended Mechanical - Not Required
Protective Gloves: Chemical resistant.
Eye Protection: Chemical glasses or goggles.
Other Protective Equipment: Protective clothing and eye wash station.
Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flames.

KEEP OUT OF REACH OF CHILDREN. For Industrial Use Only.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained= from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
SECTION I. IDENTIFICATION OF PRODUCT

PRODUCT NAME: TOP COAT
PRODUCT CODE: 810

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Identity; Common Name (s))</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACHIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>5/mg/m3</td>
<td>5/mg/m3</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>100ppm</td>
<td>100ppm</td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point:</td>
<td>300-390 °F</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1):</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1):</td>
<td>1.0</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>2.0 68°F</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Negligible</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Black thick liquid, solvent odor</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSIVE DATA

<table>
<thead>
<tr>
<th>Fire and Explosive Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used):</td>
<td>105°F PMCC</td>
</tr>
<tr>
<td>Flammable Limits:</td>
<td>LEL: 1 UEL: 6</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Foam, CO2, Dry Chemical, Water Fog</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>Wear full bunker gear. Use water to cool off containers.</td>
</tr>
<tr>
<td>Unusual Fire and explosion Hazards:</td>
<td>Containers should be cooled off with water to prevent vapor pressure buildup which could result in container rupture.</td>
</tr>
</tbody>
</table>

SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Reactivity Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>Avoid heat and open flames.</td>
</tr>
<tr>
<td>Incompatibility (Material to avoid):</td>
<td>Oxidizing agents such as chlorine, sodium hypochlorine.</td>
</tr>
<tr>
<td>Hazardous Decomposition:</td>
<td>Carbon Monoxide</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will Not Occur</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None</td>
</tr>
</tbody>
</table>
SECTION VI. HEALTH HAZARD DATA

Route of Entry: Inhalation: Yes  Skin: Yes  Ingestion: Yes

Health Hazards (Acute and Chronic):
Skin: Prolonged or repeated skin contact can cause defatting and drying of the skin.
Eyes: May cause discomfort or irritation to the eye.
Ingestion: Gastrointestinal irritation, nausea, vomiting.
Inhalation: Breathing of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache. Continued inhalation may result in unconsciousness.

Carcinogenicity: NTP: No  ARC Monographs: No  OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Emergency/First Aid Procedures:
Eyes and Skin: Flush with plenty of water. Get medical attention, if needed.
Inhalation: Remove to fresh air and provide oxygen. Get medical attention.
Ingestion: If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical help.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Eliminate sources of ignition. Dike and contain spill. Remove with inert absorbent and non sparking tools.
Waste Disposal: Dispatch to approved waste disposal facility. Comply with all Local, State and Federal regulations.
Handling/Storage: Keep containers closed when not in use. Keep away from heat, sparks and flame.
Other Precautions: Empty containers may contain explosive vapors. Do not cut, drill, grind, etc. on or near containers. KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: Use a NIOSH approved respirator when the exposure limits exceed the TLV limits.
Ventilation: Use explosion proof ventilation as required to control vapor concentrations. Local exhaust and mechanical ventilation are recommended.

The information in this MSDS was obtained from current and reputable sources, However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user’s responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury damage or expense resulting from the misuse of this product.
MATERIAL SAFETY DATA SHEET

MANUFACTURER: Pioneer Research
3110 N. 19th Avenue, Suite 200
Phoenix, Arizona 85015

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOP COAT-WHITE
PRODUCT CODE: 812

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OSHA STEL</th>
<th>Vapor Pressure</th>
<th>WGT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Polymer</td>
<td></td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Residual Monomers</td>
<td>(Not Required &lt;0.1%)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Aqua Ammonia</td>
<td>1336-21-6</td>
<td>35ppm</td>
<td>25ppm</td>
<td>25ppm</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Pentapotassium</td>
<td></td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Tri phosphate, KTPP</td>
<td>13845-36-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Petroleum Derivatives and Other Additives</td>
<td>(Non-Hazardous)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Hydroxethyl Cellulose</td>
<td>9004-62-0</td>
<td>10mg/m3</td>
<td>10mg/m3</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*Ethylene Glycol</td>
<td>107-21-1</td>
<td>50ppm</td>
<td>50ppm</td>
<td>50ppm</td>
<td>0.1 @ 68°F</td>
<td>3</td>
</tr>
<tr>
<td>Filler (Non-Hazardous in Liquid Form)</td>
<td>10mg/m3</td>
<td>10mg/m3</td>
<td>5mg/m3</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>1314-13-2</td>
<td>30mppcp</td>
<td>30mppcp</td>
<td>30mppcp</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Pigment (Non-Hazardous in Liquid Form)</td>
<td>10mg/m3</td>
<td>10mg/m3</td>
<td>5mg/m3</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filler (Non-Hazardous in Liquid Form)</td>
<td>20mpcf</td>
<td>3mg/m3</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,4,4-Trime-1, 3-Pentanediol</td>
<td>25265-77-4</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Monoisobutene</td>
<td>1897-45-6</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*Terachloroisophtalalonitrile</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>0.0 9</td>
<td></td>
</tr>
<tr>
<td>Amorphous Silica</td>
<td>63231-67-4</td>
<td>5mg/m3</td>
<td>10mg/m3-8h</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Salt of Carboxilic Acid/Monomers</td>
<td>(Non-Hazardous)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

*Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372. The TWA (Ceiling) for Ethylene Glycol for ACGIH = 50ppm.

SECTION III. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212° F</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Dilutable</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1):</td>
<td>1.3</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Low Viscosity Liquid; White; Ammonia Odor</td>
</tr>
</tbody>
</table>

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Hazard Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Deg F) and Method</td>
<td>&gt;212°F; Seta Flash</td>
</tr>
<tr>
<td>Flammable Limits in Air by Volume</td>
<td>Lower: N/A; Upper: N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Other</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>Material will not burn, but may splatter above 212°F. However, the polymer film will burn, but without giving off charring brands.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>No unusual fire hazards known.</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: TOP COAT-WHITE

SECTION V. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Specific Materials to Avoid): Avoid excessive heat or open flames.
Hazardous Decomposition Products: Carbon Monoxide and Carbon Dioxide.
Hazardous Polymerization: Will not occur.

SECTION VI. HEALTH AND FIRST AID MEASURES

Health Risks and Effects of Exposure:
- **Skin**: May cause irritation or redness after exposure. Not likely to be absorbed in toxic amounts. Repeated exposure may cause dryness and defatting of the skin.
- **Eyes**: May cause irritation but no corneal injury is likely.
- **Ingestion**: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- **Inhalation**: Vapors may cause headache, nausea, nose irritation. Contains Ethylene Glycol which can cause liver abnormalities, kidney damage and central nervous system effects upon overexposure.

Health Hazards (Acute and Chronic): Heated vapors may cause headache, nausea or similar response. Chronic health hazards are liver abnormalities, kidney damage and central nervous system effects.

Carcinogenicity: NTP: No ARC Monographs: Yes OSHA Regulated: No

This product contains small amount (less than 0.09%) of Chlorothalonil which is classified as an IARC carcinogen.

Medical Conditions Generally Aggravated by Exposure: May aggravate pre-existing skin disorders.

Emergency/First Aid Procedures:
- **Eyes**: Flush with water for at least 15 minutes and consult a physician.
- **Skin**: Skin contact will normally cause no more that irritation, but wash affected area with soap and water and remove contaminated clothing promptly.
- **Inhalation**: Remove to fresh air and provide oxygen if necessary.
- **Ingestion**: Dilute by giving milk or water. Consult with a physician to determine if medical assistance is necessary.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Deg F) and Method: >212°F Method Used: Seta Flash
Flammable Limits In Air by Volume: Lower: N/A Upper: N/A
Extinguishing Media: Other
Special Fire Fighting Procedures: Material will not burn, but may splatter above 212°F. However, the polymer film will burn, but without giving off charring brands.
Unusual Fire and Explosion Hazards: No unusual fire hazards known.

SECTION VIII. SPILL/LEAK PROTECTION AND DISPOSAL

Steps to be Taken in Case of Spill or Leak: Wear respirator and protective clothing. Shut off the source at the leak. Remove excess with vacuum truck and take up the remainder with an absorbent such as clay and place in disposal containers. Flush area with water to remove residue.

Waste Disposal: Dispose of the material in a waste disposal site in accordance with Federal, State and Local laws.

Precautions for Handling and Storage: Store in a cool, dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Keep material from freezing.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained= from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.
MATERIAL SAFETY DATA SHEET  PAGE 1 OF 2  REVISION DATE: 1/1/2010

MANUFACTURER: Total Solutions /Pioneer Research    P.O. Box 240014  Milwaukee WI 53224

GENERAL INFORMATION PHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-424-9300

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL GREEN NEUTRA-KLEEN
PRODUCT FORMULATION: Quaternary-Based Disinfectant
PRODUCT CODE: 179

NFPA HAZARD IDENTIFICATION SYSTEM:
- 0-Insignificant
- 1-Slight
- 2-Moderate
- 3-High
- 4-Extreme

HEALTH: 2  FLAMMABILITY: 1  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N,N-Didecyl-N, N-dimethylammonium chloride</td>
<td>7173-51-5</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>n-Alkyl(50% C14, 0% C12, 10% C16)-N,N-dimethylbenzlammonium chloride</td>
<td>18001-54-5</td>
<td>1.00-3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 1.00
VOC Content (% by weight): N/D
Appearance/Odor: Clear, green liquid; mint fragrance

pH: 7.4-8.4
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flammability Limits in Air (Volume %):
- Upper: N/D
- Lower: N/D

Extinguishing Media: Water, foam, carbon dioxide, dry chemical

Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Fire may produce hazardous vapors.

Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: 2,4-D, 2,4-D and MCPP are on the IARC group 2B list.

Effects of Overexposure:
Eyes: Moderate to severe irritation, redness, tearing.
Skin: Irritation, chapping with prolonged or repeated exposure.
Ingestion: Gastrointestinal irritation, nausea, craps, diarrhea.
Inhalation: No hazard associated with normal use.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse.
Ingestion: Contact physician or poison control center immediately. Give one to two glasses of water. Do no induce vomiting unless instructed by a physician or poison control center.
Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Flush away residue with water.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety goggles or safety glasses.
Other Protective Equipment: Eye wash station.
Precautions for Handling and Storage: Store in a cool, dry place. Keep from freezing. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS TRIPLE THREAT
PRODUCT FORMULATION: Selective Herbicide Concentrate
PRODUCT CODE: 363

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid (2,4-D)</td>
<td>2008-39-1</td>
<td>4.55</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
<tr>
<td>Dimethylamine Salt of R(+)-2-(2,4-Dichlorophenoxy) Propionic Acid (2,4-DP)</td>
<td>104786-87-0</td>
<td>2.29</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
<tr>
<td>Dimethylamine Salt of R(+)-2-(2-Methyl-4-Chlorophenoxy) Propionic Acid (MCPP)</td>
<td>66423-09-4</td>
<td>2.26</td>
<td>N/E</td>
<td>N/E</td>
<td>Y N N</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 7.50
Vapor Density (AIR = 1): N/D  Solubility in Water: Soluble
Specific Gravity (water = 1): 1.05  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Clear, light brown liquid; characteristic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200  (TEST METHOD):
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Fire may produce hazardous vapors.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids and oxidizers.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, HCl, nitriles and nitrosamines.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: 2,4-D, 2,4-D and MCPP are on the IARC group 2B list.

Effects of Overexposure:
- Eyes: Severe irritation, redness, possible corneal injury, irreversible eye damage.
- Skin: Prolonged exposure may cause mild skin irritation and dermal sensitization reactions. Harmful if absorbed through skin, may cause similar symptoms to ingestion.
- Ingestion: May cause muscle weakness, nausea, vomiting, abdominal pain, fall in blood pressure or myotonia (prolonged muscular spasm) under extreme exposure conditions.
- Inhalation: May cause moderate respiratory irritation, burning.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Flush skin with water while removing contaminated clothing. Wash skin with plenty of soap and water. Obtain medical attention. Launder clothing separately before reuse.
- Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person several glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air. Perform artificial respiration if indicated. Call a physician immediately.

Note to Physician:probable mucosal damage may contraindicate gastric lavage. If large amounts of the product were ingested, the stomach should be emptied by gastric intubation.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breath vapors or mists. If recommended exposure limits are exceeded wear a NIOSH approved respirator with organic vapor cartridge and pesticide pre-filter to avoid breathing spray mists, if necessary.

Ventilation: Local - Recommended Mechanical - Recommended

Protective Gloves: Chemical resistant.

Eye Protection: Safety goggles or safety glasses.

Other Protective Equipment: Impervious protective clothing, emergency shower or eye wash station.

Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TRIPLE ZERO CONCENTRATE
PRODUCT FORMULATION: Water Based Cleaner
PRODUCT CODE: 404

NFPA HAZARD IDENTIFICATION SYSTEM:
- HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>CAS#</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Blend</td>
<td>Proprietary</td>
<td>5.00-10.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

KEY:
- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- C = Ceiling Level
- STEL = Short Term Exposure Limit
- N/A = Not Applicable
- N/D = Not Determined
- N/E = Not Established
- Y = Yes
- N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D
pH: 12.0-13.0
Vapor Density (AIR = 1): N/D
Solubility in Water: Soluble
Specific Gravity (water = 1): 1.01
Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <1.0
Evaporation Rate (water = 1): ~1.00
Appearance/Odor: Clear, green liquid; sassafras fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (^F): None
(TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A Lower: N/A
Extinguishing Media: Water, foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and sulfur oxide.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None

Effects of Overexposure:
- Eyes: Mild irritation and redness.
- Skin: Redness and irritation with prolonged or repeated exposure.
- Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
- Inhalation: None under normal use.

Emergency and First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
- Skin: Wash with soap and water. If irritation persists, obtain medical attention.
- Ingestion: Contact physician or poison control center immediately. Rinse mouth with water. Give affected person one to two glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
- Inhalation: Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or flush away with water.

Waste Disposal Method: Consult local environmental authorities for disposal in accordance with state and local regulations.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation.
Ventilation: Local - Not required Mechanical - Not required
Protective Gloves: None needed under normal use.
Eye Protection: None needed under normal use.
Other Protective Equipment: None.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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MATERIAL SAFETY DATA SHEET

AUTHOR: Total Solutions /Pioneer Research
P.O. Box 240014 Milwaukee WI 53224

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 800-424-9300

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS TURF KING
PRODUCT FORMULATION: Liquid Herbicide Concentrate
PRODUCT NAME: 322

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates</td>
<td>64741-44-2</td>
<td>70-80.0</td>
<td>100ppm</td>
<td>100ppm</td>
<td>N N N</td>
</tr>
<tr>
<td>Ethylbenzenes</td>
<td>100-14-4</td>
<td>&lt;1.00</td>
<td>100ppm</td>
<td>100ppm</td>
<td>Y Y Y</td>
</tr>
<tr>
<td>n-Butanol</td>
<td>71-36-3</td>
<td>1.00-5.00</td>
<td>50ppm(skin)</td>
<td>50ppm(skin)</td>
<td>Y Y Y</td>
</tr>
<tr>
<td>Glycol Monophenyl Ether</td>
<td>1330-20-7</td>
<td>1.00-5.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N N Y</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>1.00-5.00</td>
<td>25ppm</td>
<td>25ppm</td>
<td>N N Y</td>
</tr>
<tr>
<td>2,4-bis(isopropylamino)-6-methoxy-S-triazine (Prometon)</td>
<td>1610-18-0</td>
<td>3.73</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>o-Xylene</td>
<td>95-47-6</td>
<td>1.00-5.00</td>
<td>100ppm</td>
<td>100ppm</td>
<td>Y Y Y</td>
</tr>
</tbody>
</table>

KEY: PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
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372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR

SECTION III. PHYSICAL DATA

Boiling Point: N/A  pH: N/A
Vapor Density (AIR = 1): N/D  Solubility in Water: Emulsifies
Specific Gravity (water = 1): 0.87  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): <90.0  Evaporation Rate (water = 1): >1.0
Appearance/Odor: Reddish brown liquid; typical petroleum distillate odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): 123  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %):  Upper: N/D  Lower: N/D
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Fire may produce hazardous vapors. Minimize amount of water used to fight fire as run-off may cause pollution. Contain any run-off for proper disposal. Cool containers with water fog.
Unusual Fire and Explosion Hazards: Solvent vapors may flash back.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong oxidizing agents.
Conditions to Avoid: None.
Hazardous Decomposition Products: Oxides of carbon and nitrogen.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X  Eyes: X  Skin: X  Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: Xylene (CAS# 1330-20-7), o-Xylene (CAS# 95-47-6)

Effects of Overexposure:
  Eyes: Severe irritation, redness, tearing and blurred vision.
  Skin: Irritation with prolonged or repeated exposure.
  Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.
  Inhalation: Irritation to upper respiratory tract, weakness, headache, nausea, or unconsciousness.

First Aid Procedures:
  Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
  Skin: Remove and launder all affected clothing and wash with soap and water. If irritation persists, obtain medical attention.
  Ingestion: Contact physician or poison control center immediately. Do not induce vomiting.
  Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. Obtain medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended exposure limits are exceeded wear a NIOSH approved respirator following manufacturers recommendations.

Ventilation: Local - Recommended  Mechanical - Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety goggles or face shield.

Other Protective Equipment: Emergency shower, eyewash station, protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Do not contaminate water, feed, or seed by storage or disposal.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

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The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more DOT requirements.

**PRODUCT DESCRIPTION:** Solvent Based Cleaner

**PRODUCT CODE:** 298

**SECTION II. HAZARDOUS INGREDIENTS**

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX %</th>
<th>OSHA TLV</th>
<th>ACGIH</th>
<th>EPA 302</th>
<th>EPA 355</th>
<th>EPA 372</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>1.0-10.0</td>
<td>25ppm</td>
<td>25ppm</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Toluene</td>
<td>45.0-55.0</td>
<td>100ppm</td>
<td>50ppm</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Trichloroethylene</td>
<td>40.0-50.0</td>
<td>50ppm</td>
<td>50ppm</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Ethoxylated Octyl Phenol</td>
<td>&lt;3.00</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

**SECTION III. PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/D</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03</td>
</tr>
<tr>
<td>VOC Content (%) by weight</td>
<td>&gt;90.0</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Clear, colorless, liquid; solvent odor</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Emulsifiable</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/D</td>
</tr>
<tr>
<td>Evaporation Rate (water = 1)</td>
<td>&gt;1.0</td>
</tr>
</tbody>
</table>

**SECTION IV. FIRE AND EXPLOSION DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (F)</td>
<td>45</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Upper: N/D Lower: N/D</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Foam, Carbon Dioxide, Dry Chemical, Water Spray</td>
</tr>
<tr>
<td>Special Fire Fight Procedures</td>
<td>Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>Product can release vapors that form flammable mixtures at temperatures at or above the flashpoint. Containers may explode in heat of fire. Vapors may settle in low or confined areas or travel long distances along the ground or surface to an ignition source where they may ignite, flashback or explode.</td>
</tr>
</tbody>
</table>

**SECTION V. REACTIVITY DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>Alkali and alkaline earth metals such as sodium, potassium and barium; caustic soda, caustic potash or oxidizing materials, strong oxidizers, halogens or halogen compounds, reducing agents, molten sulfur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Excess heat, sparks and open flame.</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Thermal decomposition may produce oxides of carbon, hydrogen chloride and traces of phosgene.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will Not Occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None.</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET
PRODUCT NAME: VANDAL OFF

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: Trichloroethylene (IARC 2A)

Effects of Overexposure:
- Eyes: Moderate to severe irritation and redness, stinging, swelling, tearing, blurred vision.
- Skin: Mild to moderate irritation, redness, itching. Prolonged or repeated exposure may cause defatting, drying and dermatitis. Possible chemical burns. May be harmful if absorbed through skin.
- Ingestion: Harmful or fatal if swallowed. May cause gastrointestinal irritation, CNS depression, diarrhea, nausea, vomiting, dizziness, incoordination incoordination, delirium, unconsciousness, coma and possible death. Aspiration may be a hazard.
- Inhalation: Irritation to upper respiratory tract, dizziness, confusion, depression, headache, incoordination, vomiting, abdominal pain, drowsiness, vertigo, euphoria, loss of appetite, convulsions, CNS depression, cardiac sensitization. Prolonged or repeated contact may cause kidney and liver damage, hearing loss, cardiac disturbances.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Flush area with soap and water while removing contaminated clothing. If irritation persists, obtain medical attention. Launder clothing separately before reuse.
- Ingestion: Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.
- Inhalation: Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain immediate medical attention.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Contain spill. Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.

Ventilation: Local - Recommended Mechanical - Recommended

Protective Gloves: Chemical resistant.

Eye Protection: Chemical goggles or face shield.

Other Protective Equipment: Emergency shower and eye wash station. Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat or open flames. Keep container tightly closed when not in use. KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (Toluene).

DOT CLASS: 3

DOT ID NUMBER: NA1993 DOT PACKING GROUP: II

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS VANQUISH
PRODUCT FORMULATION: Quaternary-Based Disinfectant
PRODUCT CODE: 175

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS#</th>
<th>APPROX %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N,N-Dialkyl (C8-10)-N,N-dimethylammonium chloride</td>
<td>68424-95-3</td>
<td>3.30</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>N-Alkyl (c12-16) dimethylbenzylammonium chloride</td>
<td>68424-85-1</td>
<td>2.20</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
<tr>
<td>Poly (Oxyethylene)nonylphenol tetrasodium ethylenediamine tetraacetate</td>
<td>9016-45-9</td>
<td>2.50</td>
<td>N/E</td>
<td>N/E</td>
<td>N N N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KEY:</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL = Permissible Exposure Limit</td>
<td>TLV = Threshold Limit Value</td>
<td>C = Ceiling Level</td>
<td>STEL = Short Term Exposure Limit</td>
<td></td>
</tr>
<tr>
<td>N/A = Not Applicable</td>
<td>N/D = Not Determined</td>
<td>N/E = Not Established</td>
<td>Y = Yes</td>
<td></td>
</tr>
</tbody>
</table>

SECTION III. PHYSICAL DATA

Boiling Point: N/D
Vapor Density (AIR = 1): N/D
Specific Gravity (water = 1): 1.01
VOC Content (% by weight): N/D
Appearance/Odor: Clear, colorless liquid; detergent odor
pH: 12.40
Solubility in Water: Soluble
Vapor Pressure (mm Hg): N/D
Evaporation Rate (water = 1): N/D

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >200 (TEST METHOD): N/D
Flammability Limits in Air (Volume %): Upper: N/D Lower: N/D
Extinguishing Media: Water, alcohol foam, carbon dioxide, dry chemical
Special Fire Fight Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Products of combustion are toxic.
SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce hydrogen chloride, amines and other organic materials, oxides of carbon and nitrogen.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.

SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion:

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
- Eyes: Moderate to severe irritation, redness, tearing. Possible burns and irreversible damage may occur with prolonged contact.
- Skin: Moderate to severe irritation, chapping with prolonged or repeated exposure.
- Ingestion: Immediate burning pain in the mouth, throat, abdomen and severe swelling of the larynx. Skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions, may be fatal. Gastrointestinal irritation, nausea, cramps, diarrhea.
- Inhalation: May cause headache, irritation to the eyes, nose and throat and mucous membranes.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as measures to support breathing manually or mechanically may be needed. Provide oxygen, if individual is having difficulty breathing.

First Aid Procedures:
- Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- Skin: Wash with soap and large amounts of water for 15 minutes. Remove contaminated clothing and launder separately before reuse.
- Ingestion: Contact physician or poison control center immediately. Give 3-4 glasses of milk or water. Do not induce vomiting unless instructed by a physician or poison control center. Do not give anything to an unconscious person.
- Inhalation: Remove person to fresh air. If victim is not breathing, administer artificial respiration. If victim is breathing, give oxygen.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Ventilate area and contain spill. Soak up with inert absorbent material and place in a closed container for disposal. Flush away residue with water.
Waste Disposal Method: Consult local environmental authorities.
SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator following manufacturer’s recommendations.
Ventilation: Local - Recommended  Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or goggles.
Other Protective Equipment: Eyewash station, safety shower and protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place. Keep container tightly closed when not in use. Do not contaminate drinking water, food or feed by storage or disposal.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: WATER WETTER
PRODUCT FORMULATION: Non-Ionic Wetting Agent
PRODUCT CODE: 395

NFPA HAZARD IDENTIFICATION SYSTEM:
0-Insigificant 1-Slight 2-Moderate 3-High 4-Extreme
HEALTH: 0  FLAMMABILITY: 0  REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>APPROX</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EPA 40 CFR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly (Oxyethylene)</td>
<td>CAS#</td>
<td>%</td>
<td>PEL</td>
<td>TLV 302 355 372</td>
</tr>
<tr>
<td>nonylphenol</td>
<td>9016-45-9</td>
<td>15.0-25.0</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable  N/D = Not Determined  N/E = Not Established  Y = Yes  N = No

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/D  pH: 6.5-7.5
Vapor Density (AIR = 1): N/D  Solubility in Water: Insoluble
Specific Gravity (water = 1): 1.01  Vapor Pressure (mm Hg): N/D
VOC Content (% by weight): N/D  Evaporation Rate (water = 1): N/D
Appearance/Odor: Viscous, clear green liquid; mild detergent odor.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (°F): None  (TEST METHOD): Closed Cup
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear including self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): None
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry:  
Inhalation:  
Eyes:  X  
Skin:  X  
Ingestion:  X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens:  
None

Effects of Overexposure:
  
Eyes:  Mild irritation.  
Skin:  Possible mild irritation with prolonged or repeated exposure.  
Ingestion:  Possible gastrointestinal irritation, nausea, cramps, vomiting.  
Inhalation:  Remove person to fresh air.

Emergency and First Aid Procedures:
  
Eyes:  Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.  
Skin:  Wash with soap and water. If irritation persists, obtain medical attention  
Ingestion:  Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything to an unconscious person.  
Inhalation:  Remove person to fresh air.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak:  
Contain spill. Soak up with inert absorbent material or flush away with water.

Waste Disposal Method:  
Consult local environmental authorities for disposal in accordance with state and local regulations

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection:  
Not required under normal use.

Ventilation:  
Local - Recommended  
Mechanical - Not required

Protective Gloves:  
Chemical resistant.

Eye Protection:  
Safety glasses.

Other Protective Equipment:  
None.

Precautions for Handling and Storage:  
Store in a cool, dry place. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME:  None

DOT CLASS:  None

DOT ID NUMBER:  None

DOT PACKING GROUP:  None

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MANUFACTURER: Total Solutions /Pioneer Research   P.O. Box 240014  Milwaukee WI 53224

GENERAL INFORMATION TELEPHONE: 602-230-0012
EMERGENCY TELEPHONE: 1-800-424-9300

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: TOTAL SOLUTIONS WEED EASY   NFPA HAZARD IDENTIFICATION SYSTEM:
PRODUCT FORMULATION: Granular Non-Selective Herbicide 0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
PRODUCT CODE: 316

SECTION II. HAZARDOUS INGREDIENTS

SUBSTANCE  CAS#  APPROX %  OSHA PEL  ACGIH TLV  EPA 40 CFR:
Bromacil (5-bromo-3-sec-butyl-6-methyluracil)  314-40-9  4.00  N/A  10mgm3  N  N  N

KEY:
PEL = Permissible Exposure Limit  TLV = Threshold Limit Value  C = Ceiling Level  STEL = Short Term Exposure Limit
N/A = Not Applicable   N/D = Not Determined  N/E = Not Established  Y = Yes  N = No
302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point: N/A  pH: N/A
Vapor Density (AIR = 1): N/A  Solubility in Water: Negligible
Specific Gravity (water = 1): N/A  Vapor Pressure (mm Hg): N/A
VOC Content (% by weight): <1.0  Evaporation Rate (water = 1): N/A
Appearance/Odor: Gray granules; characteristic odor

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): None  (TEST METHOD): None
Flammability Limits in Air (Volume %): Upper: N/A  Lower: N/A
Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fight Procedures: Firefighters should be equipped with full protective gear and self-contained breathing apparatus. Fire may produce hazardous vapors. Move containers from fire exposure, minimize amount of water used to fight fire as run off might cause pollution. Contain run off for proper disposal.
Unusual Fire and Explosion Hazards: None.

SECTION V. REACTIVITY DATA

Stability: Stable
Incompatibility (Specific Materials to Avoid): Strong acids, amines.
Conditions to Avoid: None.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and hydrogen chloride.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None.
SECTION VI. HEALTH AND FIRST AID MEASURES

Primary Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:
Eyes: Mild to moderate irritation, redness.
Skin: Mild irritation with prolonged contact.
Ingestion: Gastrointestinal irritation, nausea, vomiting, diarrhea.
Inhalation: Respiratory tract irritation. Contains crystalline silica which may aggravate existing respiratory diseases.

First Aid Procedures:
Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
Skin: Remove contaminated clothing and launder separately before reuse. Wash thoroughly with soap and water.
Ingestion: Contact physician or poison control center immediately. Give 1 to 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Obtain medical attention if irritation persists.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak: Sweep up material and store in a closed container for reuse.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION DATA

Respiratory Protection: Use with adequate ventilation. Use a NIOSH approved respirator to prevent inhalation of dust.
Ventilation: Local - Recommended Mechanical - Not required
Protective Gloves: Chemical resistant.
Eye Protection: Safety glasses or chemical goggles.
Other Protective Equipment: Protective clothing.
Precautions for Handling and Storage: Store in a cool, dry place away from heat and open flames. Wash thoroughly after handling. Keep container tightly closed when not in use. Do not contaminate water, feed, or seed by storage or disposal.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None
DOT ID NUMBER: None
DOT PACKING GROUP: None

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necessarily

than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, DOT

handling. Keep container tightly closed when not in use. Do not contaminate water, feed, or seed by storage or disposal. Other

Protective

Respiratory

Effects

Primary

MATERIAL

Hazardous

Conditions

Incompatibility

--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

apparatus.

--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Specific

Key:

6-methyluracil)                                         314-40-9

Substance

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Manufacturer: Total Solutions /Pioneer Research    P.O. Box 240014   Milwaukee WI 53224

Material

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Data,  occupational, and environmental data, as well as the following

Emergency Procedures:

**Inhalation:**

Administer air or oxygen by artificial respiration. Remove victim to fresh air.

**Eye Contact:**

Flush eyes with copious amounts of water for 15 minutes. Get medical assistance.

**Skin Contact:**

Wash skin with soap and water. If irritation persists, obtain medical assistance.

**Ingestion:**

Give 2-3 glasses of water. Never induce vomiting.

**Firefighting:**

Use water, foam, or dry chemical. Do not use water stream. Do not use water if victims are in the vicinity.

**Spill Containment:**

Use absorbent material to contain spill and neutralize. Do not allow materials to enter drains or sewers.

**Material disposed of:**

Send to professional waste disposal facility. Do not contaminate water, feed, or seed by storage or disposal.

**Exposure Limit:**

PEL = Permissible Exposure Limit      TLV = Threshold Limit Value

**NFPA Rating:**

1             2             3

**IARC Classification:**

None.

**NIOSH Classification:**

None.

**Carcinogenicity:**

None.

**Toxicological Properties:**

This product is not known to be toxic. Its use should be limited to the operation of the equipment. Personal protective equipment should be used when handling this product.

**Hazardous Conditions for Storage:**

Store in cool, dry, well-ventilated area away from incompatible materials. Do not store near heat, flames, or sources of ignition. Do not store near food or other food products.

**Physical Properties:**

Density: 1

**Solubility:**

N/A

**Reactivity:**

N/E = Not Established

**Stability:**

N/A

**Flammable Limits:**

Lower: N/A

Upper: N/A

**Flash Point:**

N/A

**Explosive Limits:**

N/A

**Boiling Point:**

N/A

**Melting Point:**

N/A

**Evaporation Rate:**

N/A

**Refractive Index:**

N/A

**Odor Threshold:**

N/A

**Odor Characteristic:**

None.

**Odor:**

None.

**Odor Threshold:**

N/A

**Odor Characteristic:**

None.

**Odor:**

None.

**Odor Threshold:**

N/A

**Odor Characteristic:**

None.

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None.

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N/A

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None.

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