SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Label Name: Rust Eraser Stain Remover
Other means of identification
UPC Code(s): Not applicable
Product Code: CS528
UN/ID No: UN3264
Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Specialty spot remover. Rust remover and other mineral based soils such as metal stains, water stains and rings.
Uses advised against: Follow label instructions. Not recommended for any use except intended use.

Supplier's details

Supplier Address: Groom Industries
4282 South 590 West
Salt Lake City, UT 84123
USA

Manufacturer Address: Groom Industries
4282 South 590 West
Salt Lake City, UT 84123
USA

Emergency telephone number

Company Phone Number: 1-800-397-3759
Company Emergency Phone Number: United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week)
Emergency telephone: Poison Control 1-800-222-1222 (24 hour)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview

Warning
Hazard Statements
Harmful if swallowed
Harmful in contact with skin
Causes skin irritation
Causes serious eye irritation

Appearance  Water white  Physical state  liquid  Odor  Acidic

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response
Specific Treatment (See Section 4 on the SDS)
IF exposed or concerned: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water.
Call a POISON CENTER or doctor/physician if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Precautionary Statements - Storage
Keep out of reach of children

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information
General Hazards  Keep out of reach of children
Please see Section 11. Toxicological Information for further information

0.78% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydrogen fluoride</td>
<td>1341-49-7</td>
<td>&lt;1</td>
<td>*</td>
</tr>
<tr>
<td>Sulfamic acid</td>
<td>5329-14-6</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>2-(2-methoxypropoxy)propano</td>
<td>34590-94-8</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Alcohol Ethoxylate</td>
<td>68439-46-3</td>
<td>&lt;1</td>
<td>*</td>
</tr>
<tr>
<td>Hydrogen fluoride (not intentionally added)</td>
<td>7664-39-3</td>
<td>0.1-1</td>
<td>**</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret
**Not intentionally added. Contaminate byproduct from chemical process.

4. FIRST AID MEASURES
**First aid measures for different exposure routes**

**General advice**
Immediate medical attention is required. The effect of Hydrogen fluoride (HF), i.e. the onset of pain, particularly in dilute solutions, may not be felt for up to 24 hours. It is important that workers have immediate access to the antidote (calcium gluconate) both on and off the worksite in order to apply it as soon as possible.

**Eye contact**
Keep eye wide open while rinsing. Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. Rinse the eyes with a calcium gluconate 1% solution for 10 minutes. In the case of difficulty opening the lids, administer an analgesic eyewash. Do not use oily drops, ointment, or HF skin burn treatments. Consult an ophthalmologist or eye specialist and physician immediately in all cases. Take to a hospital immediately.

**Skin contact**
Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediately apply calcium gluconate gel 2.5 % and massage into the affected area using rubber gloves; continue to massage while repeatedly applying gel until 15 minutes after pain is relieved. Alternately, immerse the burned area in a solution of 0.2% iced aqueous Hyamine 1622 or 0.13% iced aqueous Zephiran Chloride. If finger/fingernails are touched, even if there is no pain, dip them in a bath of 5% calcium gluconate for 15 to 20 minutes. Consult a physician immediately in all cases of skin contact no matter how minor.

**Toxic - Inhalation**
Remove to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Remove the subject from the contaminated area as soon as possible. Transport subject lying down, with the head higher than the body, to a quiet, uncontaminated and well ventilated location. Administer oxygen (2.5% calcium gluconate if available, can be oxygen nebulized with trained personnel) or cardiopulmonary resuscitation if necessary and as soon as possible. If patient is unconscious, give artificial respiration. Note: Mouth to mouth resuscitation is not recommended. Keep warm (blanket). Consult physician in all cases. Take to a hospital.

**Ingestion**
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Immediate medical attention is required. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately. When directed by physician, give orally either 1% aqueous calcium gluconate solution, milk or calcium/magnesium containing anti-acid. Such solutions can be beneficial but also may be problematic if they induce vomiting.

**Protection of First-aiders**
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. **Mouth to mouth resuscitation is not recommended.**

**Most important symptoms/effects, acute and delayed**

**Main Symptoms**
Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician**
Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media  CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

Hazardous Combustion Products
No information available.

Explosion Data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

Advice for emergency responders
For first aid see section 4. For personal protection see section 8.

Environmental precautions
Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up
Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems. Always add acid to water.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions
Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep/store only in original container. Do not reuse container.

Packaging material
Keep product in packaging product is initially sold in.
Incompatible products

Incompatible with strong acids and bases. Incompatible with oxidizing agents. Metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-methoxypropoxy)propano</td>
<td>STEL: 150 ppm</td>
<td>TWA: 100 ppm</td>
<td>IDLH: 600 ppm</td>
</tr>
<tr>
<td>34590-94-8</td>
<td>TWA: 100 ppm</td>
<td>TWA: 600 mg/m³</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td>S*</td>
<td>(vacated) TWA: 100 ppm</td>
<td>TWA: 600 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 600 mg/m³</td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 150 ppm</td>
<td>STEL: 900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 900 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) S*</td>
<td></td>
</tr>
<tr>
<td>Ammonium Hydrogen Fluoride</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>TWA: 2.5 mg/m³ F</td>
</tr>
<tr>
<td>1341-49-7</td>
<td></td>
<td>(vacated) TWA: 2.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 2.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Hydrogen fluoride</td>
<td>TWA: 0.5 ppm F</td>
<td>TWA: 3 ppm F</td>
<td>IDLH: 30 ppm</td>
</tr>
<tr>
<td>7664-39-3</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>Ceiling: 6 ppm</td>
</tr>
<tr>
<td></td>
<td>S*</td>
<td>(vacated) TWA: 3 ppm F</td>
<td>Ceiling: 5 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) (vacated)</td>
<td>15 min</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 2 ppm F</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 6 ppm F</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) S*</td>
<td></td>
</tr>
</tbody>
</table>

NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Tight sealing safety goggles. Face protection shield

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective gloves and protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection. Keep working clothes separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state

Liquid
Appearance
Color
Colorless
Water White

Odor
Odor threshold
Acidic
No information available

Property
Values
Remarks
Method
pH
4.0 - 5.0

Melting point
No information available

Boiling point/boiling range
> 100 °C / > 212 °F

Flash Point
No information available

Evaporation rate
Same as water

Flammability (solid, gas)
No information available

Flammability Limits in Air
Upper Flammability Limit
No information available

Lower Flammability Limit
No information available

Vapor pressure
No information available

Vapor density
No information available

Specific Gravity
1.012

Water solubility
Soluble in water

Solubility in other solvents
No information available

Partition coefficient: n-octanol/water
No information available

Autoignition temperature
No information available

Decomposition temperature
No information available

Viscosity, kinematic
Water Thin

Viscosity, dynamic
No information available

Explosive properties
No information available

Oxidizing Properties
No information available

Other information
Softening point
No information available

Molecular weight
No information available

VOC Content (%)
3.0 %

Density VALUE
8.42

Bulk Density VALUE
No information available

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous Polymerization
None under normal processing.

Conditions to Avoid
Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.

Incompatible Materials
Incompatible with strong acids and bases. Incompatible with oxidizing agents. Metals.

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating and toxic gases and vapors. Hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
Toxic - Inhalation

Causes burns.

Eye contact

Severely irritating to eyes.

Skin contact

Harmful in contact with skin.

Ingestion

Causes burns. Harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfamic acid</td>
<td>= 1450 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-(2-methoxypropoxy)propano 34590-94-8</td>
<td>= 5230 mg/kg (Rat)</td>
<td>= 9500 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium Hydrogen Fluoride 1341-49-7</td>
<td>= 130 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>-</td>
<td>-</td>
<td>= 0.79 mg/L (Rat) 1 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

Causes burns. Extremely corrosive and destructive to tissue.

Eye damage/irritation

Causes burns. Extremely corrosive and destructive to tissue. Risk of serious damage to eyes.

Sensitization

No information available.

Germ Cell Mutagenicity

No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Hydrogen Fluoride 1341-49-7</td>
<td>-</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

IARC (International Agency for Research on Cancer)

Group 3 - Not classifiable as a human carcinogen

Reproductive toxicity

No information available.

Developmental Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic toxicity

Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects.

Target organ effects

Central nervous system, EYES, Respiratory system, Skin.

Aspiration hazard

No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity

0.78% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 995 mg/kg
ATEmix (dermal) 1113 mg/kg
ATEmix (Inhalation-dust/mist) 11.2458 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-methoxypropoxy)propano 34590-94-8</td>
<td>-</td>
<td>10000: 96 h Pimephales promelas mg/L LC50 static</td>
<td>1919: 48 h Daphnia magna mg/L LC50</td>
</tr>
<tr>
<td>Sulfamic acid 5329-14-6</td>
<td>-</td>
<td>14.2: 96 h Pimephales promelas mg/L LC50 static</td>
<td></td>
</tr>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>-</td>
<td>660: 48 h Leuciscus idus mg/L LC50</td>
<td>270: 48 h Daphnia species mg/L EC50</td>
</tr>
<tr>
<td>EDTA-Acid 60-00-4</td>
<td>1.01: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>34 - 62: 96 h Lepomis macrochirus mg/L LC50 static 44.2 - 76.5: 96 h Pimephales promelas mg/L LC50 static</td>
<td>113: 48 h Daphnia magna mg/L EC50 Static</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>-1.4</td>
</tr>
<tr>
<td>2-(2-methoxypropoxy)propano 34590-94-8</td>
<td>-0.064</td>
</tr>
</tbody>
</table>

**Other adverse effects**
No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

**Waste Disposal Methods**
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**
Do not re-use empty containers.

**US EPA Waste Number**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>U134</td>
<td>Yes</td>
<td>Yes</td>
<td>U134</td>
</tr>
</tbody>
</table>

This product contains one or more substances that are listed with the State of California as a hazardous waste.

### 14. TRANSPORT INFORMATION

**DOT**

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper shipping name</th>
<th>Hazard class</th>
<th>Packing Group</th>
<th>Reportable Quantity (RQ)</th>
<th>Special Provisions</th>
<th>Emergency Response Guide Number</th>
<th>Quantity Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3264</td>
<td>Corrosive liquid, acidic, inorganic, n.o.s. (Contains: Ammonium Hydrogen Fluoride and Sulfamic Acid)</td>
<td>8</td>
<td>III</td>
<td>Ammonium Hydrogen Fluoride: RQ lb.= 100</td>
<td>IB3, T7, TP1, TP28</td>
<td>154</td>
<td>Inner packaging not over 5.0 L (1.3 gallons) net capacity each for liquids</td>
</tr>
</tbody>
</table>
IMDG – Maritime Transportation

UN/ID No  UN3264
Proper shipping name  Corrosive liquid, acidic, inorganic, n.o.s. (Contains: Ammonium Hydrogen Fluoride and Sulfamic Acid)
Hazard class  8
Packing Group  III
EmS No.  F-A, S-B
Special Provisions  IBC03, T7, TP1, TP28

IATA – Air Transportation

Do not ship by air unless within allowed limits

15. REGULATORY INFORMATION

International Inventories
TSCA  Complies
DSL/NDSL  Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-methoxypropoxy)propano - 34590-94-8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: Yes
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Hydrogen Fluoride 1341-49-7</td>
<td>100 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>100 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>EDTA-Acid 60-00-4</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.
Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)
--- | --- | --- | ---
Ammonium Hydrogen Fluoride 1341-49-7 | 100 lb | - | RQ 100 lb final RQ
Hydrogen fluoride 7664-39-3 | 100 lb | 100 lb | RQ 100 lb final RQ
EDTA-Acid 60-00-4 | 5000 lb | - | RQ 5000 lb final RQ

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfamic Acid 5329-14-6</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-(2-methoxypropoxy)propano 34590-94-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ammonium Hydrogen Fluoride 1341-49-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Hydrogen fluoride 7664-39-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>EDTA-Acid 60-00-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**U.S. EPA Label information**

**EPA Pesticide Registration Number** Not applicable

### 16. OTHER INFORMATION

**NFPA**

- Health hazard: 3
- Flammability: 1
- Instability: 0

**HMIS**

- Health hazard: 3
- Flammability: 1
- Physical Hazard: 0

**Prepared By**
Bridgewater Environmental Health and Safety

**Revision Date**
28-Dec-2016

**Revision Note**
No information available

**Disclaimer**
The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bridgewater LLC to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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End of Material Safety Data Sheet