

**1. Product and Company Identification**

**Product Code:** LFGRPCLRVX  
**Product Name:** Rebel VoodooX Iron Remover  
**Trade Name:** RENEGADE PRODUCTS  
**Company Name:** Maverick Abrasives  
4340 E. Miraloma Ave  
Anaheim, CA 92807  
**Web site address:** www.renegadeproductsusa.com  
**Email address:** cs@renegadeproductsusa.com  
**Emergency Contact:** INFOTRAC (800)535-5053  
**Information:** Contract #914-39  
**Part Number:** LFGRPCLRVX24, LFGRPMRVX1GAL, LFGRPMRVX5GAL

**2. Hazards Identification**

**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
**GHS Precautionary Phrases:** P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment see ... on this label.  
P330 - Rinse mouth.  
P332+313 - If skin irritation occurs, get medical advice/attention.  
P337+313 - If eye irritation persists, get medical advice/attention.  
P362 - Take off contaminated clothing and wash before re-use.  
**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/container to in accordance with all applicable local, state, and federal regulations.  
**OSHA Regulatory Status:** While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

|  |   |
|--|---|
| <b>Potential Health Effects (Acute and Chronic):</b> | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>Hazards not otherwise classified (HNOC) or not covered by GHS -none.</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>Hazards not otherwise classified (HNOC) or not covered by GHS. Lachrymator.</p> <p>Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:<br/>Rapidly absorbed through skin.</p> |
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**3. Composition/Information on Ingredients**

| CAS #      | Hazardous Components (Chemical Name) | Concentration |  |
|------------|--------------------------------------|---------------|--|
| 367-51-1   | Mercaptoacetic acid, sodium salt     | 5.0 -10.0 %   |  |
| 1336-21-6  | Ammonium hydroxide                   | < 0.5 %       |  |
| 111-76-2   | Glycol ether EB                      | < 1.5 %       |  |
| 68439-46-3 | Alcohol ethoxylate                   | < 3.0 %       |  |

**4. First Aid Measures**

|  |   |
|--|---|
| <b>Emergency and First Aid Procedures:</b> | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.</p>  |
| <b>In Case of Inhalation:</b>              | <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:<br/>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.</p>   |
| <b>In Case of Skin Contact:</b>            | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>Wash off with soap and plenty of water. Consult a physician.</p>   |
| <b>In Case of Eye Contact:</b>             | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>Continue rinsing eyes during transport to hospital.</p>   |
| <b>In Case of Ingestion:</b>               | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>Do NOT induce vomiting.</p>  |
| <b>Signs and Symptoms Of Exposure:</b>     | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>The most important known symptoms and effects are described in the labelling (see section 2 .2) and/or in section 11</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11</p> |

**Indication of any immediate medical attention and special treatment needed:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:

## 5. Fire Fighting Measures

**Flash Pt:** No data. Method Used: Estimate

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Wear self contained breathing apparatus for fire fighting if necessary.  
Further information: No data available.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Use water spray to cool unopened containers.

**Flammable Properties and Hazards:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Carbon oxides, Sulphur oxides, Sodium oxides,

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
nitrogen oxides (NOx),

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Carbon oxides.

**Hazardous Combustion Products:** No data available.

## 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Evacuate personnel to safe areas. Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental Precautions:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Do not let product enter drains.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

**7. Handling and Storage**

**Precautions To Be Taken in Handling:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Avoid inhalation of vapor or mist. Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

**Precautions To Be Taken in Storing:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: -20 - 8 deg.C. Store under inert gas. Hygroscopic. Keep in a dry place.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Storage class 510): Combustible liquids Non Combustible.

**Other Precautions:**



Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**8. Exposure Controls/Personal Protection**

| CAS #      | Partial Chemical Name            | OSHA TWA    | ACGIH TWA   | Other Limits |
|------------|----------------------------------|-------------|-------------|--------------|
| 367-51-1   | Mercaptoacetic acid, sodium salt | No data.    | No data.    | No data.     |
| 1336-21-6  | Ammonium hydroxide               | No data.    | No data.    | No data.     |
| 111-76-2   | Glycol ether EB                  | PEL: 50 ppm | TLV: 20 ppm | No data.     |
| 68439-46-3 | Alcohol ethoxylate               | No data.    | No data.    | No data.     |

| CAS #    | Chemical Name   | Jurisdiction         | Recommended Exposure Limits | Notations |
|----------|-----------------|----------------------|-----------------------------|-----------|
| 111-76-2 | Glycol ether EB | California, USA PELs | TWA: 97 mg/m3 (20 ppm)      |           |
|          |                 | NIOSH                | TWA: 5 ppm                  |           |

|   |  |
|---|--|
| <b>Personal Protective Equipment Symbols:</b>   |    |
| <b>Respiratory Equipment (Specify Type):</b>    | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>                 Respiratory: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>                 Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:</p>   |
| <b>Eye Protection:</b>                          | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>                 Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>                 Tightly fitting safety goggles. Faceshield (8-inch minimum). Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:<br/>                 Face shield and safety glasses.</p>   |
| <b>Protective Gloves:</b>                       | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>                 Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.<br/>                 Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min. Reacts violently and/or explosively with water, steam or moisture.<br/>                 Minimum layer thickness: 0.11 mm Break through time: 480 min.<br/>                 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.</p> |
| <b>Other Protective Clothing:</b>               | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>                 Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p>  |
| <b>Engineering Controls (Ventilation etc.):</b> | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:<br/>                 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>   |
| <b>Work/Hygienic/Maintenance Practices:</b>     | <p>Ingredient CAS# 1336-21-6, Ammonium hydroxide:<br/>                 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>  |
| <b>Environmental Exposure</b>                   | <p>Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:</p>   |

**Controls:** Do not let product enter drains.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ X ] Solid

**Appearance and Odor:** Liquid.  
ammonia-like.

**pH:** 8

**Melting Point:** > -75.00 C (-103.0 F) - 76.00 C (168.8 F)

**Boiling Point:** No data. - 172.50 C (342.5 F)

**Flash Pt:** No data. Method Used: Estimate

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Specific Gravity (Water = 1):** No data.

**Density:** ~ 0.901 G/CM3

**Solubility in Water:** 100%

**Octanol/Water Partition Coefficient:** No data.

**Percent Volatile:** < 1.0 % by weight.

**Autoignition Pt:** No data.

**Decomposition Temperature:** No data.

**Viscosity:** No data.

## 10. Stability and Reactivity

**Reactivity:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Exposure to moisture.

Conditions to Avoid: Heat,

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
No data available.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
flames and sparks.

**Incompatibility - Materials To Avoid:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Strong oxidizing agents, Strong acids,

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Copper, Iron. Zinc.



Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available. In the event of fire: see section 5.

**Possibility of Hazardous Reactions:** Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Other decomposition products: Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:

## 11. Toxicological Information

**Toxicological Information:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Acute toxicity.  
Behavioral: Convulsions or effect on seizure threshold. Inhalation. LC50. No data available.  
Dermal. Germ cell mutagenicity: Reproductive toxicity. Aspiration hazard: Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
(Ammonium hydroxide)  
Specific target organ toxicity - single exposure: Specific target organ toxicity - repeated exposure: Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Hamster ovary.  
Result: negative. (OECD Test Guideline 474) Mouse. male.  
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

**Irritation or Corrosion:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Skin corrosion/irritation. No data available.  
Serious eye damage/eye irritation: no data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Serious eye damage/eye irritation: Eyes - rabbit - Result: Tumorigenic:Tumors at site or application. Severe eye irritation .

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
No skin irritation -4 h. Eyes: Rabbit.  
Eye irritation -24. (OECD Test Guideline 405))

**Sensitization:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Maximisation Test. Species: Guinea pig. Result: Tumorigenic:Tumors at site or application. Does not cause skin sensitisation. (OECD Test Guideline 406))

**Chronic Toxicological Effects:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
Specific target organ toxicity - single exposure: No data available.  
Specific target organ toxicity -repeated exposure: no data available.

**Carcinogenicity/Other Information:**

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Specific target organ toxicity -single exposure (Globally Harmonized System)

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Carcinogenicity:**

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
IARC: Group 3: Not classifiable as to its carcinogenicity to humans .  
NTP? No      IARC Monographs? No      OSHA Regulated? No

**12. Ecological Information****General Ecological Information:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
(OECD Test Guideline 201))

**Results of PBT and vPvB assessment:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Persistence and Degradability:**

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Biodegradability: aerobic -Exposure time 28. Result: 90.4 % Readily biodegradable.  
Ratio BOD/ThBOD 88 %

**Bioaccumulative Potential:**

Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

**Mobility in Soil:**

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:



**Other adverse effects:** Ingredient CAS# 367-51-1, Mercaptoacetic acid, sodium salt:  
 No data available.

Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
 An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container to in accordance with all applicable local, state, and federal regulations.

The generations of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incinerators or landfill should be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. See Section 8 for information on appropriate personal protective equipment.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Ingredient CAS# 1336-21-6, Ammonium hydroxide:  
 AMMONIA SOLUTION.

Ingredient CAS# 111-76-2, Ethanol, 2-Butoxy-:  
 Combustible liquid, n.o.s.

**DOT Hazard Class:**  
**UN/NA Number:**

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

| CAS #      | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ   | S. 313 (TRI)  |
|------------|--------------------------------------|--------------|-------------|---------------|
| 367-51-1   | Mercaptoacetic acid, sodium salt     | No           | No          | No            |
| 1336-21-6  | Ammonium hydroxide                   | No           | Yes 1000 LB | No            |
| 111-76-2   | Glycol ether EB                      | No           | No          | Yes-Cat. N230 |
| 68439-46-3 | Alcohol ethoxylate                   | No           | No          | No            |

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

|  |  |
|--|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Acute toxicity (any route of exposure)<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard |
|--|--|

|   |   |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant                               |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust                                  |   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC) |   |

| CAS #      | Hazardous Components (Chemical Name) | Other US EPA or State Lists  |
|------------|--------------------------------------|--|
| 367-51-1   | Mercaptoacetic acid, sodium salt     | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No                     |
| 1336-21-6  | Ammonium hydroxide                   | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8                |
| 111-76-2   | Glycol ether EB                      | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8 |
| 68439-46-3 | Alcohol ethoxylate                   | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No                     |

### 16. Other Information

**Revision Date:** 05/01/2019

**Hazard Rating System:**

|              |   |
|--------------|---|
| HEALTH       | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL     | 0 |
| PPE          | B |

**HMIS:**

**Additional Information About** No data available.

**This Product:**

**Company Policy or Disclaimer:** The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.