1. PRODUCT IDENTIFICATION
Product Name: RUST DISSOLVER GEL 12 FL.OZ
Item No: 82138
Product Type: Rust dissolver

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight Percent</th>
<th>ACGIH TLV:</th>
<th>OSHA PEL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>60-70</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>PHOSPHORIC ACID</td>
<td>20-30</td>
<td>1 mg/m³ TWA; 3 mg/m³ STEL</td>
<td>1 mg/m³ TWA</td>
</tr>
<tr>
<td>2-PROPANOL</td>
<td>1-10</td>
<td>200 ppm TWA</td>
<td>400 ppm TWA; 980 mg/m³ TWA</td>
</tr>
<tr>
<td>SILICON DIOXIDE, AMORPHOUS</td>
<td>0.1-1.0</td>
<td>10 mg/m³ TWA</td>
<td>6 mg/m³ TWA</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION
Toxicity: Note: This product does not contain microcrystalline silica. May cause eye, skin and respiratory irritation. Toxic by ingestion.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.
Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. May be injurious to eyes, skin, mucous membranes and lungs.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight Percent</th>
<th>NTP</th>
<th>ACGIH Carcinogens</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-PROPANOL</td>
<td>1-10</td>
<td>A4 - Not classifiable as a human carcinogen</td>
<td>Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977</td>
<td></td>
</tr>
<tr>
<td>SILICON DIOXIDE, AMORPHOUS</td>
<td>0.1-1.0</td>
<td></td>
<td></td>
<td>Amorphous Silica, Group 3: Vol. 68: 1997</td>
</tr>
</tbody>
</table>

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with respiratory problems such as emphysema and asthma should avoid inhalation.

4. FIRST AID MEASURES
Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES
Flash Point (°F/C): None - aqueous
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products of Combustion: Oxides of phosphorus, Hydrogen
Unusual Fire/Explosion Hazards: Extinguish all nearby sources of ignition since flammable hydrocarbon gas will be liberated from contact with some metals (aluminum, magnesium and others).

Lower Explosive Limit: Not determined
Upper Explosive Limit: Not determined
6. **ACCIDENTAL RELEASE MEASURES**

   **Spill Procedures:** Neutralize with alkaline material such as soda ash or lime. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. **HANDLING AND STORAGE**

   **Storage:** Store below 100 degrees F. Do not allow freezing.
   **Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Wash hands before eating and smoking.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

   **Eyes:** Safety glasses.
   **Skin:** Rubber or plastic gloves.
   **Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
   **Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

   **Appearance:** Pink gel
   **Odor:** Lime
   **Boiling Point:** Approximately 212 degrees F.
   **pH:** 1.5-2.5
   **Solubility in Water:** SOLUBLE
   **Specific Gravity:** 1.18
   **VOC Content(Wt.%):** 2.4% by weight
   **Vapor Pressure:** 12 mmHg @ 20°C
   **Vapor Density (Air=1):** Not determined
   **Evaporation Rate:** Not Determined

10. **STABILITY AND REACTIVITY**

    **Chemical Stability:** Stable at normal conditions
    **Hazardous Polymerization:** WILL NOT OCCUR
    **Incompatibilities:** Caustics and powdered metals.
    **Conditions to Avoid:** Heat
    **Hazardous Products of Combustion:** Oxides of phosphorus., Hydrogen

11. **TOXICOLOGICAL INFORMATION**

    See Section 3

12. **ECOLOGICAL INFORMATION**

    No data available

13. **DISPOSAL CONSIDERATIONS**

    **Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.
    **US EPA Waste Number:** D002 as per 40CFR 261.22

14. **TRANSPORTATION INFORMATION**

    **DOT (49CFR 172)**

    **Domestic Ground Transport**
    - **DOT Shipping Name:** CONSUMER COMMODITY
    - **Hazard Class:** ORM-D
    - **UN/ID Number:** None
    - **Marine Pollutant:** None

    **IATA**
    - **Proper Shipping Name:** Corrosive liquid, acidic, inorganic, n.o.s
    - **Class or Division:** Class 8, Packing Group III
    - **UN/NA Number:** UN3264

    **IMDG**
    - **Proper Shipping:** Corrosive liquids, acidic, inorganic, n.o.s., (Phosphoric acid), Limited Quantity
15. REGULATORY INFORMATION
SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

PHOSPHORIC ACID

CALIFORNIA PROP 65:
WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA Inventory Status:
Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION
Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 0 , REACTIVITY 0
Estimated HMIS Classification: HEALTH 3, FLAMMABILITY 0, PHYSICAL HAZARD 0
NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Denise Boyd, Health and Safety Manager
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