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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
WATER 7732-18-5	60-80	Not listed	Not listed
PHOSPHORIC ACID 7664-38-2	20-30	1 mg/m ³	1 mg/m ³
2-PROPANOL 67-63-0	<3	200 ppm	400 ppm; 980 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: Toxic by ingestion. May cause eye, skin and respiratory irritation.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Ingesting may cause abdominal pain and vomiting. May be injurious to eyes, skin, mucous membranes and lungs.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
2-PROPANOL 67-63-0	<3		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
Skin Contact: Wash off with soap and water. 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 carbon, 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: Wear appropriate protective and respiratory equipment. 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: Neoprene or nitrile gloves recommended.
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 organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pink gel
Odor: Lime
Boiling Point: 212°F
pH: 1.5-2.5
Solubility in Water: Soluble
Specific Gravity: 1.18
VOC(Wt.%): 2.4%
Vapor Pressure: 12 mmHg @ 20°C
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur.
Incompatibilities: Caustics and powdered metals.
Conditions to Avoid: High temperatures. Freezing.
Hazardous Products of Combustion: Oxides of carbon, 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)

Ground Transport (DOT)

DOT Shipping Name: Consumer Commodity (Not more than five liters)
Hazard Class: ORM-D
UN/ID Number: None

IATA

Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s., (Phosphoric acid)
Class or Division: Class 8, Packing Group III
UN/ID Number: UN3264

IMDG

Proper Shipping: Corrosive liquids, acidic, inorganic, n.o.s., (Phosphoric acid), Limited Quantity
Hazard Class: Class 8 PGIII
UN Number: UN 3264

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

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

TSCA Inventory Status: 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.

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