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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: NJ-1A RUST DISSOLVER GEL 8 FL.OZ
Item No: 81756
Product Type: Rust dissolver

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
Water 7732-18-5	60-70	Not Listed	Not Listed
PHOSPHORIC ACID 7664-38-2	20-30	1 mg/m ³ TWA; 3 mg/m ³ STEL	1 mg/m ³ TWA
2-PROPANOL 67-63-0	1-10	200 ppm TWA	400 ppm TWA; 980 mg/m ³ TWA
SILICON DIOXIDE, AMORPHOUS 112945-52-5	0.1-1.0	10 mg/m ³ TWA	6 mg/m ³ TWA

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.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
2-PROPANOL 67-63-0	1-10		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
SILICON DIOXIDE, AMORPHOUS 112945-52-5	0.1-1.0			Amorphous Silica, Group 3: Vol. 68: 1997

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

Hazard Class: Class 8 PGIII
UN Number: UN 3264

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.

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