Material Safety Data Sheet

Rust Cleaner Powder (RXSOL-41-8923-025)

1. Product and Company Identifaction

Product Name	**RUST REMOVER**
Product Type	RXSOL-41-8923-025

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat

Phone	+91 22 65113333
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Percentage	CAS No
Oxalic acid (as dihydrate)	9%	144-62-7
Diethylene glycol monobutyl ether	5%	112-34-5
Phosphoric acid	6%	7664-38-2
Proprietory Blend	80%	----

3. Hazards Identification

Route of Entry: Eyes; Skin; Inhalation; Ingestion;
Target Organs: Eyes; Skin;
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Small amounts swallowed incidental to normal handling operations are not likely to cause injury;
swallowing amounts larger than that may cause temporary injury.
Ingestion:
HHMMIISS ® IIR-artaintgi nHg2s /(F1s/cPaHl0e 0-4): Health = 2, Fire = 1, Reactivity = 0 NFPA-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0

4. First Aid Measures

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.
Eye Contact: flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
Ingestion:If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5. Fire-fighting Measures

Flash Point:>212ºF
Flash Point Method:Closed Cup
Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6. Accidental Release Measures

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. Handling and Storage

Handling Precautions:Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.
Storage Requirement: Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline product.

8. Exposure controls and personal protection

Engineering Controls : Normal room ventilation is satisfactory for limited use.
Protective Equipment : HMIS PP, B Safety glasses, Gloves
Exposure Guidelines/Other: Phosphoric Acid 7664-38-2 OSHA PEL 1 mg/m3

9. Physical and chemical properties

Appearance:	Opaque Off-white
Physical State:	Liquid
Odor:	Sassafras
pH:	0.5-1.5
Vapor Pressure:	N/D
Vapor Density:	N/D
Boiling Point:	N/D
Freezing/Melting Pt.:	N/D
Solubility:	Soluble
Spec Grav./Density:	8.82

10. Stability and reactivity

Stability: Product is stable under normal conditions.
Conditions to avoid: Open Flames, ignition points, heat sources
Materials to avoid (incompatability): None known
Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.
Hazardous Decomposition products:
Hazardous Polymerization: Will not occur.

11. Toxicological information

Toxicity Data:

Oxalic Acid 144-62-7

Oral (LD 50): Not listed on RTECS

Intraperitoneal (injection) 270 mg/kg - Mouse

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Mild

Eye irritation: Severe

Sensitation: Not considered an occupational sensitizer

Phosphoric Acid 7664-38-2

Oral (LD 50): 1200 mg/kg - Rat

Inhalation (LC 50): 25.5 mg/m3 - rat

Skin irritation: Severe

Eye irritation: Severe

Sensitation: Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

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