Material Safety Data Sheet

Anti Rust Chemical (RXSOL-18-1050-025)

1. Product and Company Identifaction

Product Name	RXSOL-18-1050-025
Product Type	Anti Rust Chemical

Company Details:

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

Stock Point ::: Mumbai, Kandla Surat, Kolkata, Chennai, Vizag, Fujairah, Muscat

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	CAS No.	Approx. wt.%	Exposure
Vinyl Copolymer	N/E	30-60%	ACGIH-TLV -N/E OSHA-PEL-N/E
Tannic Acid	1401-55-4	1-10%	ACGIH-TLV-N/E OSHA-PEL- N/E
*2-Butoxyethanol	111-76-2	1.7%	ACGIH-TLV -50 ppm (Skin) OSHA-PEL -20 ppm

RCRA REGULATED	No
CERCLA (superfund)	N/A
ALL MATERIALS IN PRODUCT ARE TSCA LISTED.	
DOT Regulated	No
DOT Haz. Class	N/A
DOT Shipping Name	N/A
DOT Number	N/A

3. Hazards Identification

SUMMARY OF ACUTE HAZARDS	Irritation to eyes, nose, and throat; drowsiness, narcosis, tremors, and other CNS effects at high concentrations. Skin irritation, dermatitis, and defatting.
	ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS
INHALATION	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.
EYE CONTACT	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.

SKIN CONTACT	Irritation, dermatitis.
INGESTION	Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.
SUMMARY OF CHRONIC HAZARDS	Skin irritation, contact dermatitis, and defatting.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

4. First Aid Measures

If INHALED	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on SKIN	Immediately wash with soap and water. Remove and wash any contaminated clothing.
If in EYES	Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
If SWALLOWED	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Section IV: Fire and Explosion Hazard Data

Flash Point (Method) Bulk Liquid (TCC)	None
Flammable Limits	N/A
Extinguishing Media	N/A
Special Fire Fighting Procedures	N/A
Unusual Fire & Explosion Hazards	N/A

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Shake well before using. Keep away from heat, sparks and open flames.
OTHER PRECAUTIONS	Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION (SPECIFY TYPE)	In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.
VENTILATION - LOCAL EXHAUST	Acceptable

OTHER	N/A
PROTECTIVE GLOVES	Wear rubber gloves.
EYE PROTECTION	Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Chemical resistant coveralls
WORK/HYGIENIC PRACTICES	Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

Section III: Physical Data

Appearance & Odor	Opaque, white, slightly viscous liquid with a very slight "vinyl" odor.
Boiling Point	218° F
Evaporation Rate (Water=1)	1
pH	2
Solubility In Water	Dispersible
Specific Gravity	1.290
Vapor Density (AIR=1)	N/A
Vapor Pressure	Approx. 17 mm Hg
VOC Content	22 grams/liter

10. Stability and reactivity

Flash Point (Method)	Bulk Liquid (TCC) None
CONDITIONS TO AVOID	None
INCOMPATIBILITY (MATERIALS TO AVOID)	Oxidizers, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION	Will not occur

11. Toxicological information

CHRONIC HEALTH HAZARDS	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Ingredient Name	Oral-Rat LD50	Inhalation-Rat LC50
lauryl dimethyl amine oxide	4.3 mg/kg	N/D
Polylene Glycol Butyl Ether	N/D	N/D
Sodium Metasilicate	1153 mg/kg	N/D

12. Ecological information

Ingredient Name	Food Chain Concentration Potential	WATERFOWL TOXIC
lauryl dimethyl amine oxide	N/D	N/D
Polylene Glycol Butyl Ether	N/D	N/D
Sodium Metasilicate	N/D	N/D

13. Disposal considerations

Waste Classification	Non-regulated liquid waste
Disposal Method	Dispose of all liquid waste in accordance with all local, state and federal regulations.

14. Transport information

DOT	Non-Regulated
OCEAN	Non-Regulated
AIR	Non-Regulated

15. Regulatory information

NA

16. Other information

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.

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