# Material Safety Data Sheet

**Rust Convertor** (RXSOL-28-1050-005)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | RXSOL-28-1011-005 |
| Product Type | Rust Convertor |

Company Details:

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

Stock Point : Mumabai, Kandla, 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. Percentage | Exposure |
|---|---|---|---|
| Vinyl Copolymer | N/E | 5-6 | ACGIH-TLV -N/E<br>OSHA-PEL - N/E |
| Tannic Acid | 1401-55-4 | 1-2 | ACGIH-TLV - N/E<br>OSHA-PEL - N/E |
| Orthophosphoric Acid | 7664-38-2 | 45 | Skin Corr. 1B, H314 |
| *2-Butoxyethanol | 111-76-2 | 1.7 | ACGIH-TLV - 50 ppm (Skin) OSHA-PEL - 20 ppm |
| Ethylene Glycol | 107-21-1 | 10 - 25 | _____ |
| Mineral Oil MIXTURE | ------- | 60 - 80 | |

| | |
|---|---|
| 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

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|---|---|
| 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

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| 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

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|---|---|
| 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

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|---|---|
| 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

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| 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

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| Appearance & Odor | CLEAR liquid with a very slight "vinyl" odour. |
| Boiling Point | 218° F |
| Evaporation Rate (Water=1) | 1 |
| pH | 2 |
| Solubility In Water | Dispersible |
| Specific Gravity | 1.01 |
| 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 TOXICITY | BOD | AQUATIC TOXICITY |
|---|---|---|---|---|
| lauryl dimethyl amine oxide | N/D | N/D | N/D | N/D |
| Polylene Glycol Butyl Ether | N/D | N/D | N/D | N/D |
| Sodium Metasilicate | N/D | N/D | N/D | N/D |

## 13. Disposal considerations

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|---|---|
| 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 user's own assessment of workplace risk as required by other health and safety legislation.

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