# Material Safety Data Sheet

**Metal Stain Rust Remover** (RXSOL-20-1011-025)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | **RXSOL-20-1011-025** |
| Product Type | Metal Stain Rust Remover HD **25 Ltr** |

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

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

| | |
|---|---|
| Phone | +91 22 65113333 / 5555 / 9999 / 27611360 |
| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

Ethoxylated Fatty alcohol with  Acid and linear derivative detergent remaining which is not in the list of hazardous materials .

## 3. Hazards Identification

| | |
|---|---|
| Odour | Odourless |
| Appearance | Liquid, pale yellow, soluble in water |
| Contact with eyes | Can cause damage to the eyes |
| Contact with skin | Causes burns (R34) |
| Inhalation | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract, Can cause damage to the lungs |
| Ingestion | The ingestion of significant quantities may cause damage to digestive syste |

## 4. First Aid Measures

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| Inhalation | After inhalation medical attention require. |
| Skin Contact | In case of contact with skin , wash immediately with plenty of water and soap  Remove contaminated clothes. |
| Eye Contact | Flush with running water for at least 15 minutes Immediately medical attention require. |
| Ingestion | seek medical attention , try to drink more plenty of fresh water. |

## 5. Fire-fighting Measures

Non combustible product

| | |
|---|---|
| Suitable | Not known , on direct exposure to heat dangrous emission of gas of COx SOx can be released |
| Not suitable | Not applicable |
| Special | Not applicabe |
| Protection of fire Fighter | Not applicable |
| Precaution for fire-fighters | Wear protective equipment with breathing apparatus. |

## 6. Accidental Release Measures

| | |
|---|---|
| Enviromental Precaution | Direct flow into drainage system, surface or ground water is prohibited. First of all neutralize with alkaline materials like lime powder for pH balancing between 6-10. |
| Cleaning Method | Flush Spill Area with Water and avoid contact with skin and eye. |

## 7. Handling and Storage

| | |
|---|---|
| Condition to Avoid | Non flammable but avoid direct heating |
| Materials to Avoid | Do not subject to ALKALINE medium. |
| Handling | Keep Container Tightly Closed |
| **NOTE** | **Eyewash facilities require at workplace** |

The product causes corrosion on skin and mucous membranes Pl. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutaliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website www.rxmarine.com

• Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

## 8. Exposure controls and personal protection

Personal protection:

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|---|---|
| Respiratory System Protection | Approved respirator must be worn when spraying |
| Eye Protection | Strictly wear eye protection |
| Hand protection | wear PVC chemical resistance protective gloves |

## 9. Physical and chemical properties

| | |
|---|---|
| Appearance | Clear brownish liquid |
| Density | g/cm3 at 15°C: 1.5 |
| pH | 10% solution 1.5-2.5 |
| Flash Point | Not applicable |
| Compatibility | |
| Metal | Concentrate and long touch may corrode. |
| Rubber | No known effect |

## 10. Stability and reactivity

| | |
|---|---|
| Hazardous Decomposition Products | Do not occur if stored and used as directed. In FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas produced. |

NOTE : AVOID CONTACT WITH ALKALINE SUBJECT.

## 11. Toxicological information

| | |
|---|---|
| **Skin Irritation** | **Cause severe irritation** |
| Eye Irritat | Cause severe irritation |
| Sensitization | Cause Sensitizing |
| Chronic Toxicity | Not Identified |
| Carcinogencity | No. |

## 12. Ecological information

RXSOL MB 1011 is degradable , and due to highly acidic in nature must be neutralized as per guidance and ingridents used in it. Direct contact is Harmful to aquatic organism.

## 13. Disposal considerations

As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article..

## 14. Transport information

Transport over land ADR/RID : - 1805 8/11c 8/11c
Transport over inland waterways ADN/ADNR : -

Transport over sea IMDG : - 8
Transport by air ICAO/IATA : - 8/1805
Phosphoric acid : -
sea : EMS 8-08, MFAG 700 PG III

## 15. Regulatory information

Classification and labelling according to 4. Novelle Gefahrstoff-Verordnung

| | |
|---|---|
| Symbols of danger | C Corrosive |
| Ingredients | Phosphoric acid |
| R-phrases | R34 : Cause burns |
| S-phrases | S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 : In case of accident or if you feel unwell, seek medical advice immediately |
| National prescriptions | |
| Water hazard class (WGK) | 2 (self classification on the basis of component assessments or analogy conclusions without addition/subtraction of points for good/poor biodegradability etc.) |

## 16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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