Material Safety Data Sheet

ORG 75 Membrane Clean MC Acid Cleaner (RXSOL-33-1092-025)

1. Product and Company Identifaction

Product Name	RXSOL-33-1092-025
Product Type	ORG 75 Membrane Clean MC Acid Cleaner

Company Details:

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

Stock Points: Mumbai, Kandla, Kolkata, Vizag, Chennai, Fujairah UAE, Muscat Oman, Kenya

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
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2. Composition / informationon ingredients

Name	CAS #	% by Weight
Proprietory Blend of non-hazardous acidic agents, buffers, chelating Agents and corrosion Inhibitors	N/A	> 30

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

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

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 products should be added to water never add water to RXSOL products.)

NOTE: On Use, the product is diluted - Wash hands thoroughly after handling. In case of mechanical failure or when dealing with an unknown product dilution, wear full Personal Protective Equipment (PPE).

8. Exposure controls and personal protection

Personal protection:

Respiratory System Protection	Approved respirator must be worn when spraying
Eye Protection	Strictly wear eye protection

Hand protection	wear PVC chemical resistance protective gloves

NOTE: On Use, the product is diluted - Adequate general ventilation is typically sufficient to control exposure to contaminants.

9. Physical and chemical properties

Appearance	Clear liquid
Density	g/cm3 at 15°C: > 1.1
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.

NOTE: On Use, the product is diluted

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
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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