Material Safety Data Sheet

Membrane Cleaner ORG 77 (RXSOL-33-3304-050)

1. Product and Company Identifaction

Product Name	RXSOL-33-3304-050
Product Type	Membrane Cleaner ORG 77

Company Details:

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

Stock Point : Mumbai, Gandhidham, Vizag, Chennai, Kolkata, Fujairah, Muscat, Nairobi Kenya, Canada

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

2. Composition / informationon ingredients

Chemical Name	Cas No #	Range(w/w%)
NITRILOTRIACETIC ACID,TRISODIUM SALT	5064-31-3	0.1-1.0
N-HYDROXY-ETHYLENEDIAMINE TRIACETIC ACID TRISODIUM salt	139-89-9	15-40
MONOETHANOLAMINE	141-43-5	5-9
CITRIC ACID		10-20
Proprietory Blend Mixuture of Organic and Inorganic Acid with Chelating Agent	----	Balanced

3. Hazards Identification

Skin contact	Primary route of exposure; Severe irritant to the skin
eye contact	Severe irritant to the eyes, possibly corrosive
INGESTION EFFECTS	May cause gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea.
SYMPTOMS OF EXPOSURE:	Causes irritation of the skin, eyes, and/or respiratory system

4. First Aid Measures

SKIN CONTACT	Wash thoroughly with soap and water. Remove contaminated clothing.Thoroughly wash clothing before reuse. Get medical attention if irritation develops or persists
EYE CONTACT	URGENT! Immediately flush eyes with plenty of low-pressure water for at least 20 minutes while removing contact lenses. Hold eyelids apart. Get immediate medical attention.

INHALATION	If nasal, throat or lung irritation develops - remove to fresh air and get medical attention.
INGESTION	Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately contact physician.

5. Fire-fighting Measures

FIRE FIGHTING INSTRUCTIONS	Fire fighters should wear positive pressure self-contained breathing apparatus
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam or water
Conditions	If the product enter in contact with acid or oxidizer product they could be produce hot temperature.None
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, nitrogen and sulfur; hydrogen chloride; ammonia

6. Accidental Release Measures

PROTECTION AND SPILL	Ventilate area. Use specified protective equipment. Contain and absorb on absorbent material. Place in waste disposal container. Flush area with water. Wet area may be slippery. Spread sand/grit
DISPOSAL INSTRUCTIONS	Water contaminated with this product may be sent to a sanitary sewer treatment facility,in accordance with any local agreement,a permitted waste treatment facility or discharged under a permit. Product as is - Incinerate or land dispose

7. Handling and Storage

HANDLING	Normal chemical handling
STORAGE	Keep containers closed when not in use. Protect from freezing

8. Exposure controls and personal protection

ENGINEERING CONTROLS	Adequate ventilation to maintain air contaminants below exposure limits.
SKIN PROTECTION	Rubber, butyl, viton or neoprene gloves -- Wash off after each use. Replace as necessary.
EYE PROTECTION:	splash proof chemical goggles

9. Physical and chemical properties

Appearance	Colorless To Amber
Physical State	Liquid

pH	Acidic
Flash Point	> 200F > 93C
Odor	Slight
Specific Grav.(70F,21C	1.197
Freeze Point (C)	-5

10. Stability and reactivity

STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: May react with strong oxidizers.

DECOMPOSITION PRODUCTS: oxides of carbon, nitrogen

11. Toxicological information

Skin Contact	Primary route of exposure; Severe irritant to the skin
Eye Contact	Severe irritant to the eyes, possibly corrosive
INGESTION EFFECTS	May cause gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea.
SYMPTOMS OF EXPOSURE	Causes irritation of the skin, eyes, and/or respiratory system

12. Ecological information

AQUATIC TOXICOLOGY ::: Daphnia magna 48 Hour Static Renewal Bioassay (pH adjusted) LC50= 342; No Effect Level= 250 mg/L Fathead Minnow 96 Hour Static Renewal Bioassay (pH adjusted) LC50= 61.6; No Effect Level= 25 mg/L

BIODEGRADATION ::: BOD-28 (mg/g): 142 , BOD-5 (mg/g): 130 , COD (mg/g): 805 , TOC (mg/g): 242

13. Disposal considerations

Please be advised; however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

14. Transport information

DOT HAZARD:	ORS (when container > RQ)
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(DIETHANOLAMINE SOLUTION) 9, NA 3082, PG III, RQ

15. Regulatory information

N/A

16. Other information

The information contained in this literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company however, can not assume any liability or risk in the use of its chemical product since the conditions of use are beyond our control

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