

Material Safety Data Sheet

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



1. Product and Company Identification

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

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / information on 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
Proprietary Blend Mixture 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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