

## 1. Product and Company Identification

www.rxmarine.com

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

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Email [care@rxmarine.com](mailto:care@rxmarine.com)

## 2. Composition / Information on ingredients

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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

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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

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SKIN CONTACT Wash thoroughly with soap and water. Remove contaminated clothing before reuse. Get medical attention if irritation develops or persists.  
EYE CONTACT URGENT! Immediately flush eyes with plenty of low-pressure water for 15 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. If vomiting, immediately contact physician.

## 5. Fire-fighting Measures

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FIRE FIGHTING INSTRUCTIONS

Fire fighters should wear positive pressure self-contained breathing apparatus.

## EXTINGUISHING MEDIA

Conditions

## HAZARDOUS DECOMPOSITION PRODUCTS

Dry chemical, carbon dioxide, foam or water

If the product enter in contact with acid or oxidizer

Oxides of carbon, nitrogen and sulfur; hydrogen chloride

## 6. Accidental Release Measures

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PROTECTION AND SPILL

DISPOSAL INSTRUCTIONS

Ventilate area. Use specified protective equipment

waste disposal container. Flush area with water. Wash

Water contaminated with this product may be sent to

any local agreement,a permitted waste treatment

Incinerate or land dispose

## 7. Handling and Storage

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HANDLING

STORAGE

Normal chemical handling

Keep containers closed when not in use. Protect from

## 8. Exposure controls and personal protection

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ENGINEERING CONTROLS

SKIN PROTECTION

EYE PROTECTION:

Rubber, butyl, viton or neoprene gloves -- Wash off after each use. Replace as necessary.

splash proof chemical goggles

Adequate ventilation to maintain air contaminants below

## 9. Physical and chemical properties

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Appearance

Physical State

pH

Flash Point

Odor

Specific Grav.(70F,21C)

Freeze Point (C)

Colorless To Amber

Liquid

Acidic

> 200F > 93C

Slight

1.197

-5

## 10. Stability and reactivity

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**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

[www.rxmarine.com](http://www.rxmarine.com)

Skin Contact

Eye Contact

INGESTION EFFECTS

SYMPTOMS OF EXPOSURE

Severe irritant to the eyes, possibly corrosive

May cause gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea.

Causes irritation of the skin, eyes, and/or respiratory system

Primary route of exposure; Severe irritant to the skin

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

**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

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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

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DOT HAZARD:

ORS (when container > RQ)

PROPER SHIPPING NAME

ENVIRONMENTALLY HAZARDOUS SUBSTANCE (SOLUTION) 9, NA 3082, PG III, RQ

### 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

N/A

### 16. Other information

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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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