

1. Product and Company Identification

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Product Name RXSOL-33-3320-025
Product Type Membrane Cleaner for Organics and Particulates

Company Details:

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

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2. Composition / Information on ingredients

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Name of the chemical	EC No.	CAS-No	%
citric acid	201-069-1	77-92-9	5-10%
sodium Hydroxide		1310-73-2	10-18%
sodium tripolyphosphate (Tri phosphonic Acid, pentasodium salt)	231-838-7	7758-29-4	30-60%
Tetrasodium edta (Acetic Acid Ethylenedinitrilo tetra, tetrasodium salt)	200-573-9	64-02-8	30-60%
Trisodium phosphate	231-509-8	7601-54-9	30-60%
Sodium Dodecylbenzene Sulfonate		25155-30-0	4-5%

Formula contains not more than 2.8% phosphorus, 1.17gms per gal average recommended use concentration

3. Hazards Identification

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skin contact	Irritant
eye contact	Irritant
inhalation	Provide fresh air, warmth and rest , preferably in a comfortable upright sitting position.
	Get medical attention if any discomfort continues.
ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.
	Get medical attention.

4. First Aid Measures

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Inhalation	Provide fresh air, warmth and rest , preferably in a comfortable upright sitting position.
	Get medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.
	Get medical attention.
Skin Contact	Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.
Eye Contact	Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5. Fire-fighting Measures

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EXTINGUISHING MEDIA

Use: Water spray, foam or mist. Foam, carbon dioxide or dry powder.

PROTECTIVE MEASURES IN FIRE Use self-contained breathing apparatus

6. Accidental Release Measures

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Spill Clean Up Methods

Collect and reclaim or dispose in sealed containers in licensed waste. correct contents and hazard symbol. Should be prevented from entering

7. Handling and Storage

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Usage Precautions

Avoid Spilling, skin and eye contact. Avoid handling which leads to static electricity and formation of sparks must be prevented.

Storage Precautions

Store in tightly closed original container in a cool, dry well-ventilated area separated from: Alkalies. Oxidising material. Aluminium

8. Exposure controls and personal protection

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Ingredients Comments

No exposure limits noted for ingredients (s).

Engineering Measures

Provide sufficient ventilation for operations causing dust formation.

Wear respiratory if there is dust formation.

Respiratory Equipment

Hand Protection

Selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used, consult your supplier. It has been found that gloves made from rubber, neoprene or PVC provide short-term splash protection.

Eye Protection

Wear approved safety goggles

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene Measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemical

9. Physical and chemical properties

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Appearance

Powder, Dust

Colour

White

odour

Slight Odour

Solubility

Soluble in water

melting Point (°C)

>150

pH - Value, Diluted Solution

[9.5-10.5](#)

Relative Density

1.67

10. Stability and reactivity

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Conditions to Avoid

Avoid dust close to ignition sources. Avoid contact with: Strong oxidising agents. Strong alkalis. Aluminium in contact with metals generates hydrogen gas. Contact with air can form explosive mixtures.

Hazardous Decomposition Products

Toxic gases/vapours/fumes of: carbon dioxide (CO₂). Carbon monoxide. Solutions in contact with aluminium may produce hydrogen

11. Toxicological information

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Inhalation
Skin Contact
Eye Contact

Irritating to respiratory system
Causes burns. Not a skin Sensitiser
Irritating to eyes

12. Ecological information

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N/A

13. Disposal considerations

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Disposal Methods

Absorb in vermiculite or dry sand, dispose in licensed special waste

14. Transport information

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Rail Transport Notes
Sea Transport Notes
Air Transport Notes
ADR Class
Marine Pollutant

N/A
N/A
N/A
Not Classified for transportation
No.

15. Regulatory information

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Labelling
Contains
Risk Phrases
R34
R37
Safety Phrases
S45

S24/25
S36/37/39
S26

S27

Corrosive
Trisodium Phosphate

Causes Burns
Irritating to respiratory system

In case of accident or if you feel unwell, seek medical advice immediately (where possible)
Avoid contact with skin and eyes
Wear suitable protective clothing, gloves and eye/face protection
In case of contact with eyes, rinse immediately with plenty of water and seek advice.
Take off immediately all contaminated clothing

16. Other information

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The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Rx Marine International.

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