Material Safety Data Sheet

Membrane ALKA Clean RXSOL ORG-10 (RXSOL-33-3320-025)

1. Product and Company Identifaction

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

Stock Point : Mumbai, Gandhidham, Surat, Chennai, Visakhapatnam, Fujairah, Barka Muscat, Kolkata

Phone	+91 22 27815541 / 42
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2. Composition / informationon ingredients

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

skin contact	Irritant
eye contact	Irritant
inhalation	Privide 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

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

ESTINGUISHING MEDIA	Use: Water spray, for or mist. Foam, carbon dioxide or dry powder.
PROTECTIVE MEASURES IN FIRE	Use self-contained breathing apparatus

6. Accidental Release Measures

Spill Clean Up Methods	Collect and reclaim or dispose in sealed containers in lincensed waste. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Should be prevented from entering drains.

7. Handling and Storage

Usage Precautions	Avoid Spilling, skin and eye contact. Avoid handling which leads to dust formation. Static electricity and formation of sparks must be prevented.
Storage Precautions	Store in tightly closed original container in a cool, dry well- ventilated place. Store separated from: Alkalies. Oxidising material. Aluminium

8. Exposure controls and personal protection

Ingredients Comments	No exposure limits noted for ingredients (s).
Engineering Measures	Provide sufficient ventilation for operations causing dust formation.
Respiratory Equipment	Wear respiratory if there is dust formation.
Hand Protection	Selection of a suitable glove depends on work conditions and whether the products 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 Protaction	Wear approved safety goggles
Other Protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene Measures	No specific hygiene procedures noted , but goog personal hygiene practices are alwayes advisable, especially when working with chemical

9. Physical and chemical properties

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

Conditions to Avoid	Avoid dust close to iginition sources. Avoid contact with: Strong oxidising agents. Strong alkalis. Aliminium in contact with metals genrates hydrogen gas, which together with air can from explosive mixtures.
Hazardous Decompostion Products	Toxic gases/vapoursfumes of: carbon dioxide (CO2). Carbon monoxide (CO). Aqueous solutions in contact with aluminium may produce hydrogen

11. Toxicological information

Inhalation	Irritating to respiratory system
Skin Contact	Causes bums. Not a skin Sensitiser
Eye Contact	Irritating to eyes

12. Ecological information

N/A

13. Disposal considerations

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

14. Transport information

Rail Transport Notes	N/A
Sea Transport Notes	N/A
Air Transport Notes	N/A
ADR Class	Not Classified for transportation
Marine Pollutant	No.

15. Regulatory information

Labelling	Corrosive
Contains	Trisodium Phosphate
Risk Phrases	
R34	Causes Bums
R37	Irritating to respiratory system
Safety Phrases	

S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S24/25	Avoid conwith skin and eyes
S36/37/39	Wear suitable protective clothing. gloves and eye/face protection
S26	In case of cantact with eyes, rinse immediately with plenty of water and seek medical advice.
S27	Take off immediately all contaminated clothing

16. Other information

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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