Material Safety Data Sheet

MembraneGuard MG 11 Silt Remover (RXSOL-33-1523-025)

1. Product and Company Identifaction

Part Number	RXSOL-33-1523-025
Product Name	MembraneGuard MG 11 Silt Remover

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Surat, Fujairah, Muscat, Nairobi

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
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2. Composition / informationon ingredients

This product does not contain any hazardous material. All ingredients are proprietary.

3. Hazards Identification

Potential Acute Health Effects	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator)
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic forbacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to heart, cardiovascular system. Repeated or prolonged exposure to the substance can produce target organs damage.

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention
Skin Contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention
Serious Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medicalattention
Serious Inhalation	Not available
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband
Serious Ingestion	Not Available

5. Fire-fighting Measures

Flammability of the Product	Non-flammable
Auto-Ignition Temperature	Not Applicable
Flash Points	Not Applicable
Flammable Limits	Not Applicable
Products of Combustion	Not Available
Fire Hazards in Presence of Various Substances	Not applicable
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Not Applicable
Special Remarks on Fire Hazards	Not Available
Special Remarks on Fire Hazards	Not Available

6. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

7. Handling and Storage

Precautions	Do not ingest. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment If ingested,seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as oxidizing agents, acids
Storage	No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded

8. Exposure controls and personal protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit
Personal Protection	Safety glasses. Synthetic apron. Gloves (impervious).
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product
Exposure Limits	Not available

9. Physical and chemical properties

Physical state and appearance	Solid. (Crystalline solid.)
Odor	Odorless
Taste	Saline
Color	White.
pH	>9
Boiling Point	Decomposes
Melting Point	622°C (1151.6°F)
Critical Temperature	Not available
Specific Gravity	Not Applicable
Vapor Pressure	Not applicable
Vapor Density	Not available
Volatility	Not available
Odor Threshold	Not available
Water/Oil Dist. Coeff	Not available
Ionicity (in Water)	Not available
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in hot water. Soluble in cold water. Very slightly soluble in methanol. Insoluble in diethyl ether, n-octanol

10. Stability and reactivity

Stability	The product is stable
Instability Temperature	Not available
Conditions of Instability	Incompatible materials, moisture
Incompatibility with various substances	Reactive with moisture
Corrosivity	Non-corrosive in presence of glass

Special Remarks on Reactivity	Hygroscopic. Reacts violently (violent boiling) with water, generating heat. Forms flammable gases and evolves hydrogen when reacted with zinc. Solutions attack some metals. Generates heat and violent polymerization occurs when mixed with methyl vinyl ether. Bromine trifluoride reacts violently with and attacks calcium chloride
Special Remarks on Corrosivity	Not available
Polymerization	Will not occur

11. Toxicological information

Routes of Entry	Absorbed through skin. Inhalation. Ingestion
Toxicity to Animals	Acute oral toxicity (LD50): 3100 mg/kg [Mouse].
Chronic Effects on Humans	The substance is toxic to lungs
Other Toxic Effects on Humans	Not available
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available
Special Remarks on other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract

12. Ecological information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradationa	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation	Not available

13. Disposal considerations

Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations

14. Transport information

DOT Classification	Not a DOT controlled material (United States).
Identification	Not applicable

Special Provisions for Transport	Not applicable

15. Regulatory information

Federal and State Regulations	Pennsylvania RTK; Massachusetts RTK:; TSCA 8(b) inventory CERCLA: Hazardous substances
Other Regulations	EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances
Other Classificationsa	
WHMIS (Canada)	CLASS D-2A: Material causing other toxic effects (VERY TOXIC)
DSCL (EEC)	R36- Irritating to eyes. S2- Keep out of the reach of children. S22- Do not breathe dust. S24- Avoid contact with skin
HMIS (U.S.A.):	
Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection:	E
National Fire Protection Association (U.S.A.):	
Health	2
Flammability	0
Reactivity:	0
Specific hazard:	
Protective Equipment	Gloves (impervious). Synthetic apron. Wear appropriate respirator when ventilation is inadequate. Safety glasses

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer .

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