

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

Company Details:

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

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.

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 medical attention

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
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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		

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

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

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
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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
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

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	
Polymerization	Will not occur	Special Remarks on Corrosivity	Not available

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
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Material is irritating to mucous membranes and upper respiratory tract

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
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Waste Disposal

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

DOT Classification

Not a DOT controlled material (United States).

Identification	Not applicable	Special Provisions for Transport	Not applicable
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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				

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