

1. Product and Company Identification

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Product Name Antiscalant RXSOL ORG EV (Antiscalant for Seawater Distillation Plants)
Part Number RXSOL-33-3325-230

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat

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Email 123@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

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Component	CAS-No	Weight %
POLYMALEIC ACID	26099-09-2	33-60 %
MALEIC ACID (CERCLA)	110-16-7	1-10 %
(3-METHYLPHENYL)METHYL, BUTANEDIOIC ACID	6315-20-4	1-10 %
(4-METHYLPHENYL)METHYL, BUTANEDIOIC ACID	6315-21-5	1-10 %

3. Hazards Identification

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Signal Word	:	Irritant
Hazard Statements	:	Under normal conditions, it may irritate the respiratory tract, eyes, and skin. Product may cause damage to aquatic life.
Label Elements	:	May cause irritation to the respiratory tract, eyes, and skin. May cause damage to aquatic life.
Ingestion	:	May cause discomfort, nausea, and vomiting.

4. First Aid Measures

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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 if available.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash thoroughly. Thoroughly clean shoes before reuse. Get medical attention if irritation persists.
Serious Skin Contact:	Wash with a disinfectant soap and cover the contaminated area. Get medical attention.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

Serious Inhalation:

Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by a health care professional. Do NOT give anything to an unconscious person. Loosen tight clothing such as a collar, tie, belt or cuffs, if they are too restrictive. First aid instructions on container. Call attention if symptoms appear. Serious Ingestion: Not available.

5. Fire-fighting Measures

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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: products including carbon monoxide and carbon dioxide, may be produced in fire. minimal fire haz(aqueous solution).

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.

6. Accidental Release Measures

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Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:

Corrosive liquid. Oxidizing material. Poisonous liquid. Stop leak if without risk. Absorb with DRY earth, sand or other noncombustible material. Do not get water inside container. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7. Handling and Storage

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Handling : Avoid inhalation of vapors/spray and contact with skin and eyes. Avoid eating, drinking and smoking when using the product.

Observe good chemical hygiene practices.

Storage

Protect against physical damage and/or friction. Keep in original container. Store in tightly closed original container in a dry and cool place. Store away from: Alkalis. Reducing Agents. Do NOT use container made of: Carbon steel. Store away from strong oxidising agents.

8. Exposure controls and personal protection

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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.

Respiratory Equipment : No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended . Occupational Exposure Limit

Hand Protection : For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Butyl rubber.

Eye Protection : Wear approved safety goggles. Use face shield in case of splash risk.

Hygiene Measure : Wash hands at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily if there is any possibility of contamination. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Skin Protection : Wear apron or protective clothing in case of contact



Gloves Suit

9. Physical and chemical properties

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Physical State	:	Liquid
Appearance	:	Clear Amber Liquid
Odor	:	Slight
Odor Threshold	:	No information available.
PH	:	3-6
Boiling Point/Range	:	100°C - 102°C
Flash Point	:	NA
Freezing point	:	0 - 12°C
Evaporation Rate	:	No information available.
Vapor Pressure	:	No data available.
Vapor Density	:	No data available.
Relative Density	:	1.05-1.1
Solubility in Water	:	Complete
Viscosity	:	10-25 cst@25°C
Partition coefficient n octanol/water	:	Not available.
Iron PPM	:	