

1. Product and Company Identification

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Product Name
Part Number

Cement Retardar
RXSOL-81-8175-025

Company Details:

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

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Branch : Kandla, Sikka, Dahej, Surat, Hazira, JNPT, New Mangalore, Goa, Cochin, Tuticorin, Cheenai, Kakinada, Vizag, Paradip, Haldia , Kolkata

2. Composition / Information on ingredients

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Name of Substance	Cas Number
Calcium Lignosulfonates	8061 52 -7
Sodium Gluconate	527 07 - 1

3. Hazards Identification

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Signal Word Not applicable
Hazard Statements Not Applicable
EC label no Not classified as dangerous for supply or conveyance ☐ Marpol, Annex II, Appendix III Regulation (EC) 1907/2006 (September 2008): Exempt from registration

4. First Aid Measures

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Eye Contact	In case of contact immediately flush eyes with plenty of water. Get medical attention if irritation persists.
Skin Contact	Wash with soap and water.
Inhalation:	If inhaled, remove from area to fresh air. Get medical attention if breathing becomes difficult.
Ingestion:	Give water to dilute and get medical attention.
Notes to Physicians	Not applicable

5. Fire-fighting Measures

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Flammability	Non Flammable.
Flash Point	Not Applicable
Suitable extinguishing media	Use water spray, carbon dioxide, dry chemical, alcohol-type or universal type foams applied by manufacturers techniques.
Improper Extinguishing Media	Avoid water in straight hose stream; will scatter and spread fire.

Fire and Explosion Hazards	Flammable solids may provide conditions for a dust explosion.
Advice for firefighters	Wear NIOSH-approved self-contained breathing apparatus
Specific extinguishing methods	Not Available

6. Accidental Release Measures

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Personal precautions, protective equipment
 Environmental Precaution
 Methods and materials for containment and cleaning up

Use appropriate protective equipment. Avoid creating dust.
 Avoid infiltration of large quantities into drains, sewers, etc.
 Provide ventilation and confine spills. Mechanical equipment should be washed with water.

7. Handling and Storage

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Advice on safe handling
 Storage
 Incompatibilities

Material has low toxicity; therefore, risk of damage to aquatic life through generations and accumulation. Ensure adequate ventilation.
 Store in a dry location. Use good housekeeping in storage areas to prevent accumulation of dust. Close container when not in use.
 None Known

8. Exposure controls and personal protection

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Engineering Control
 Exposure Control
 OSHA PELV
 Respiratory Protection
 Hand Protection
 Eye Protection
 Skin Protection

Use approved industrial ventilation and local exhaust ventilation.
 Adequate ventilation for comfort is recommended.
 15mg/m³ (total) and 5 mg/m³ (respirable) (dust as dust)
 Full respiratory protection program recommended.
 Gloves recommended for prolonged exposure
 Goggles recommended for prolonged exposure.
 Clothing which contacts skin should be changed daily.



Gloves Suit

9. Physical and chemical properties

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Physical State	Powder
Colour	Brown
Odour	Slight
Odour Threshold	Not Applicable
Boiling point and boiling range	Not Applicable
Melting Point	>130 °C
Freezing Point	No Data Available
pH	8
Evaporation rate	No data available
Flammability Limit	
Upper	3.5 oz/cu.ft.

Lower	0.2 oz/cu.ft.
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Specific Gravity	No Data available
Viscosity	No Data available
% Volatiles By Weight	3-9 (water)
Water/Oil Dist. Coeff	100% in water
Autoignition temperature	400°C for dust
Thermal decomposition	No data available
Bulk Density (g/ml)	0.37-0.56
Dry Matter, %	92 - 96%
Solubility in Water	100 % Soluble
Solubility in Solvents (g/100ml)	Not Determine

10. Stability and reactivity

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Recativity	No further relevant information available
Stability	Stable under normal conditions.
Possibility of hazardous reactions	Not known
Incompatible materials	Contact with strong oxidizing agents.
Hazardous Decomposition	Typical combustion products
Condition to Avoid	In common with many other organic chemicals, the product may in certain circumstances form flammable dust clouds
Polymerization	Will not occur

11. Toxicological information

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Route of Exposure	Route of Exposure	Value/unit	Species
	Oral LD50	>5,000 mg/kg	Rat
Eye Contact	Not classified as eye irritant.		
Skin Contact	Not classified as irritating to skin.		
Sensitization to Material	Not Known		
Carcinogen Listings	Not a carcinogen		
Mutagenicity	Not known.		
Dermal Toxicity	Not determined		
Inhalation Toxicity	Not determined		

12. Ecological information

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Environmental Effects	No data Available
Biological oxygen demand (BOD)	Partially biodegradable.
Chemical oxygen demand (COD):	
Toxicity to algae	No data available
Bidegradability	Not determined
Bioaccumulation	Not determined
Mobility	Soluble in water.
Other Adverse Effects	Not Applicable

13. Disposal considerations

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Remarks

Please consider the relevant national or regional regulations that can be handled separately by the local or national authorities.

Waste Disposal

Dispose of in compliance with local regulations. Do not

14. Transport information

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DOT, ADN, IMDG, IATA

UN Number

Not Regulated

Proper shipping name

Lignin Pitch , Class - 55

Transport Hazard Class(es)

Not Regulated

Packing Group

Not Regulated

Environmentally hazardous

Not listed as a marine pollutant under Canadian TDG Regulations

Transport in Bulk

Not Available

15. Regulatory information

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TSCA Inventory

All components Included

EPA SARA

Exempt - Polymer

Hazardous Substances

Not Applicable

AICS

Included

EPA SARA (313)

No Hazard

EPA RCRA Hazardous Waste Classification

If product becomes a waste, it does NOT meet the criteria for hazardous waste under EPA.

California

Included

Canadian DSL Inventory

Included

WHMIS Hazard Class

Not Hazard

16. Other information

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Other Information

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