Material Safety Data Sheet

Cement Retarder Admixture (RXSOL-81-8175-025)

1. Product and Company Identifaction

Product Name	Cement Retardar
Part Number	RXSOL-81-8175-025

Company Details:
RX MARINE INTERNATIONAL
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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 / informationon ingredients

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

3. Hazards Identification

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 (REACH) (September 2008): Exempt from registration

4. First Aid Measures

Eye Contact	In case of contact immediately flush eyes with plenty of water for at least 15 minutes and 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 respiratory irritation develops or if breathing becomes difficult.
Ingestion:	Give water to dilute and get medical attention
Notes to Physicians	Not applicable

5. Fire-fighting Measures

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 recommended 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

Personal precautions, protective equipment	Use appropriate protective equipment. Avoid creating and breathing dust.
Enviromental Precaution	Avoid infiltration of large quantities into drains, surface water, ground water and soil.
Methods and materials for containment and cleaning up	Provide ventilation and confine spills. Mechanically collect and remove spilled material. Area may be washed with water.

7. Handling and Storage

Advice on safe handling	Material has low toxicity; therefore, risk of damage is limited in normal handling.Minimize dust generations and accumulation. Ensure adequate ventilation.
Storage	Store in a dry location. Use good housekeeping in storage and work areas to prevent accumulation of dust. Close container when not in use. Do not reuse empty container.
Incompatibilities	None Known

8. Exposure controls and personal protection

Engineering Control	Use approved industrial ventilation and local exhaust as required to maintain.
Exposure Control	Adequate ventilation for comfort is recommended.
OSHA PELV	15mg/m3 (total) and 5 mg/m3 (respirable) (dust as PNOR)
Respiratory Protection	Full respiratory protection program recommended. NIOSH approved dust mask recommended
Hand Protection	Gloves recommended for prolonged exposure
Eye Protection	Goggles recommended for prolonged exposure.
Skin Protection	Clothing which contacts skin should be changed daily



Gloves



Suit

9. Physical and chemical properties

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

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 in air.
Polymerization	Will not occur

11. Toxicological information

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

Environmental Effects	No data Available
Biological oxygen demand (BOD	Partially biodegrable.
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

Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposal	Dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility

14. Transport information

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, schedule III.
Transport in Bulk	Not Available

15. Regulatory information

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 of a hazardous waste as defined by the US EPA.
California	Included
Canadian DSL Inventory	Included
WHMIS Hazard Class	Not Hazard

16. Other information

Other Information

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