Material Safety Data Sheet

Calcium Carbonate (RXSOL-95-8109-025)

1. Product and Company Identifaction

Product Name	RXSOL-95-8109-025
Product Type	Calcium Carbonate

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Visakhapatnam, Gandhidham, Fujairah, Muscat, Nairobi

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2. Composition / informationon ingredients

Name	CAS#	% by Weight
Calcium carbonate	471-34-1	100

3. Hazards Identification

Eyes contact	irritant
Skin contact	irritant
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

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. WARM water MUST be used. Get medical attention.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact	Not available.
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. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Serious Ingestion	Not available.

5. Fire-fighting Measures

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	NA
Flash Points	NA
Flammable Limits	NA
Products of Combustion	NA
Fire Hazards in Presence of Various Substances	NA
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	Will ignite and burn fiercely in contact with fluorine
Special Remarks on Explosion Hazards	When a mixture of calcium carbonate and magnesium is heated in a current of hydrogen, a violent explosion occurs.

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. 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

Precautions	Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

8. Exposure controls and personal protection

Precautions	Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.
Storage	Keep container tightly closed. Keep container in a cooEngineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommendedexposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminantsbelow the exposure limit.
Personal Protection	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

9. Physical and chemical properties

Physical state and appearance	Solid. (Powdered solid.)
Odor	Odorless.
Taste	Chalky
Molecular Weight	100.09 g/mole
Color	White.
pH (1% soln/water)	Not available.
Boiling Point	Not available.
Melting Point	825°C (1517°F)
Critical Temperature	Not available.
Specific Gravity	2.8 (Water = 1)
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	Not available.
Solubility	Very slightly soluble in cold water. Soluble in dilute acid. Insoluble in alcohol.

10. Stability and reactivity

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Incompatible Materials
Incompatibility with various substances	Reactive with oxidizing agents, acids.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Hygroscopic. Will ignite and burn fiercely in contact with fluorine. Incompatible with acids, alum, ammonium salts, mercury + hydrogen, aluminum and magnesium
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

11. Toxicological information

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 6450 mg/kg [Rat].
Chronic Effects on Humans	May cause damage to the following organs: kidneys.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans:	

Acute Potential Health Effects:

Skin	Causes skin irritation.
Eyes	Dust causes eye irritation.
Inhalation	Excessive inhalation causes respiratory tract and mucous membrane irritation. Low hazard for usual industrial handling.
Ingestion	Ingestion of large amounts may cause gastrointestional tract disturbances with nausea and possibly constipation. Expected to be a low hazard for usual industrial handling.
Chronic Potential Health Effects	Chronic ingestion may affect kidneys, and may cause hypercalcemia with alkalosis.

12. Ecological information

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

Identification	Not applicable.
Special Provisions for Transport	Not applicable.

15. Regulatory information

NA

16. Other information

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