

1. Product and Company Identification

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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 / Information on ingredients

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

3. Hazards Identification

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| 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

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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. 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

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| 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

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| 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

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| 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

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| 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 area. 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 | 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

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| 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

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| 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

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| 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 gastrointestinal 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

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| 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

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| Waste disposal | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
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14. Transport information

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| Identification | Not applicable. |
| Special Provisions for Transport | Not applicable. |

15. Regulatory information

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NA

16. Other information

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