

1. Product and Company Identification

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Product Name Calcium Silicate
Part Number RXSOL-67-1370-050

Company Details:

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

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2. Composition / Information on ingredients

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Ingrident	CAS Number	Weight Percentage
Calcium Silicate	1344-95-2	100%

Toxicological Data on Ingredients: Calcium Silicate LD50: Not available. LC50: Not available.

3. Hazards Identification

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Classification	Solid
Signal Word	Irritant
Potential Acute Health Effects:	Hazardous in case of skin contact (permeator), of eye contact (irritant), of inhalation (lung irritant).
Potential Chronic Health Effects:	Slightly hazardous in case of skin contact (sensitizer).
Carcinogenic Effects:	Not available.
Mutagenic Effects:	Not Available
Teratogenic Effects:	Not available.
Developmental Toxicity:	Not available.

4. First Aid Measures

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Skin Contact

After contact with skin, wash immediately with plenty of contaminated skin with running water and non-abrasive so crevices, creases and groin. Since the product can readily and cause rashes or eczema, a good hand cream should be

Serious Skin Contact:

Eyes Contact :

Inhalation:

Serious Inhalation:

Ingestion:

medical attention.

Wash with a disinfectant soap and cover the contaminated area. Seek immediate medical attention.

Check for and remove any contact lenses. Do not use an eye.

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Not Available

Do not induce vomiting. Loosen tight clothing such as a coat or shirt. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

5. Fire-fighting Measures

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Flammability of the Product: Non Flammable

Auto Ignition temp. Not applicable

Flash Point Not applicable

Flammable Limits: Not applicable

Products of Combustion: Not Available

Fire Hazards in Presence of Various Substances: Not Applicable

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Non-explosive in presence of sparks, of heat.

Fire Fighting Media and Instructions: Not Applicable.

Special Remarks on Fire Hazards: Not Applicable.

Special Remarks on Explosion Hazards: Not Applicable

6. Accidental Release Measures

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Small Spillage 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 Spillage 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 above the TLV. Check TLV on the MSDS and with local authorities.

7. Handling and Storage

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Handling Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label to the doctor. Avoid contact with skin and eyes.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Incompatibilities Not Applicable

8. Exposure controls and personal protection

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Engineering Control	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the recommended limit.
Personal Protective Equipment	
Skin Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection	Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.
Respiratory Protection	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For conditions where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Organic vapor respirators do not protect workers in oxygen-deficient atmospheres.
Exposure Limits:	United States: TWA: 10 (mg/m ³) from ACGIH (TLV) [1998] United States: TWA: 15 (mg/m ³) from OSHA (PEL) [1998] Australia: TWA: 10 (mg/m ³) Consult local authorities for acceptable exposure limits.



Gloves Suit

9. Physical and chemical properties

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Appearance	Solid
Colour	White Crystal
Molecular Weight	116.16 g/mole
Taste	Not Available
Odor	Not Available
pH (1 % Solution) @25°C	Not Applicable
Boiling Point	Not Available
Melting Point	1540°C (2804°F)
Critical Temperature	Not Available
Specific Gravity	Not Available
Vapor Pressure	Not Available
Vapor Density (Air = 1.0)	Not Applicable
Volatility	Not Available
Odor Threshold	Not Available
Water/Oil Dist. Coeff	Not Available
Ionicity (in Water)	Not Available
Dispersion Properties:	Is not dispersed in cold water, hot water.
Solubility in Water	Not soluble in hot water

10. Stability and reactivity

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Stability...of..Product	The product is stable.
Instability Temperature	Not Available

Conditions of Instability:	Not Available
Incompatibility with various substances:	Not Available
Corrosivity:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	Not available.
Special Remarks on Corrosivity:	Not available.
Hazardous Polymerization	Will not occur.

11. Toxicological information

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Routes of Entry:	Dermal contact. Eye contact. Inhalation.
Toxicity to Animals:	Acute LD50: Not available. LC50: Not available.
Chronic Effects on Humans:	A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Classified None. for human. Non-mutagenic for mammals.
Other Toxic Effects on Humans:	Hazardous in case of skin contact (permeator), of inhalation (lung irritant)
Special Remarks on Toxicity to Animals:	Not Available
Special Remarks on Chronic Effects on Humans:	Not Available
Special Remarks on other Toxic Effects on Humans:	Not Available

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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Disposal Condition

Waste must be disposed of in accordance with federal regulations.

14. Transport information

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DOT Classification:	Not a DOT controlled material (United States)
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.
Packing Group	Not applicable

15. Regulatory information

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Federal and State Regulations:

Other Regulations:

Other Classifications:

DSCL (EEC):

HMIS Classification

NFPA Classification

Protective Equipment

Rhode Island RTK hazardous substances: Calcium Silicate

Florida: Calcium Silicate Minnesota: Calcium Silicate Mas

TSCA 8(b) inventory: Calcium Silicate

Not Available

WHMIS (Canada): Not controlled under WHMIS (Canada)

R36/37- Irritating to eyes and respiratory system.

Health $\frac{2}{1}$,

Flammability $\frac{2}{0}$

Reactivity $\frac{2}{0}$

Personal Protection : E

Health $\frac{2}{2}$

Flammability $\frac{2}{0}$

Reactivity $\frac{2}{0}$

Gloves. Lab coat. Vapor respirator. Be sure to use an app

Safety glasses.

16. Other information

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