Material Safety Data Sheet

Calcium Silicate (RXSOL-19-1370-210)

1. Product and Company Identifaction

Product Name	Calcium Silicate
Part Number	RXSOL-19-1370-210

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

Phone	+91 22 65113333 / 5555 / 9999
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Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

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

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

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3. Hazards Identification

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

Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Since the product can readily penetrate the protective epidermal layer and cause rashes or eczema, a good hand cream should be used after washing affected areas. Seek medical attention.
Serious Skin Contact:	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Eyes Contact :	Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Seroius Inhalation:	Not Available
Ingestion:	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

5. Fire-fighting Measures

Flammability of the Product:	Non Flammable
Auto Ingition 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 open flames and 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

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 level above TLV. Check TLV on the MSDS and with local authorities.

7. Handling and Storage

Handling	Do not breathe dust. Wear suitable protective clothing If you feel unwell, seek medical attention and show the label when possible. 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

Engineering Control	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 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 emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Exposure Limits:	United States: TWA: 10 (mg/m3) from ACGIH (TLV) [1998] United States: TWA: 15 (mg/m3) from OSHA (PEL) Israel: TWA: 10 (mg/m3) Australia: TWA: 10 (mg/m3)Consult local authorities for acceptable exposure limits.



Gloves



Suit

9. Physical and chemical properties

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
Meltin 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 Threshhold	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

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

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 mammalians.
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 onHumans:	Not Available
Special Remarks on other Toxic Effects on Humans:	Not Available

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

Diaposal Condition	Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

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

Federal and State Regulations:	Rhode Island RTK hazardous substances: Calcium Silicate Pennsylvania RTK: Calcium Silicate Florida: Calcium Silicate Minnesota: Calcium Silicate Massachusetts RTK: Calcium Silicate TSCA 8(b) inventory: Calcium Silicate
Other Regulations:	Not Available
Other Classifications:	WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCL (EEC):	R36/37- Irritating to eyes and respiratory system.
HMIS Classification	Health – 1, Flammability – 0 Reactivity – 0 Personal Protection : E
NFPA Classification	Health – 2 Flammability – 0 Reactivity – 0
Protective Equipment	Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damage

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