Material Safety Data Sheet

Calcium Hydroxide (RXSOL-22-2207-025)

1. Product and Company Identifaction

Product Name	RXSOL-22-2207-025
Product Type	Calcium Hydroxide Powder

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Ennore, Kolkata, Visakhapatnam, Gangavaram, Fujairah

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Calcium Hydroxide	CAS# 1305-62-0	100%	W/W	OSHA TWA 5 mg/m*f*

3. Hazards Identification

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep

Emergency Overview:Danger! Harmful if swallowed or inhaled. Causes burns to skin and eyes. Causes severe irritation to respiratory tract.

Inhalation:Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Can cause chemical bronchitis.

Ingestion:Gastric irritant. Ingestion may be followed by severe pain, vomiting, diarrhea, and
collapse. If death does not occur in 24 hours, esophageal perforation may occur, as evidenced by fall in blood pressure and severe pain. A narrowing of the esophagus may occur weeks, months, or years after ingestion, making swallowing difficult.

Skin:Corrosive. May cause sever burns and blistering, depending on duration of contact.

Eye Contact:Corrosive. May produce severe irritation and pain. May induce ulcerations of the corneal epithelium. Can cause blindness.

Chronic Exposure:Prolonged or repeated skin contact may produce severe irritation or dermatitis. Aggravated by ExposurePersons with pre-existing skin problems or impaired respiratory function may be more susceptible to the effects of this substance

4. First Aid Measures

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SKIN:	In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION	Give several glasses of milk or water. Vomiting may occur

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None known
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Carefully pick up solid with minimum of dusting and collect in metal container with covers with disposal. The trace amount of residue can be flushed down drain.

7. Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Store away from acids.

8. Exposure controls and personal protection

Respiratory Protection	Dust mask recommended.
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Wear appropriate gloves to prevent skin exposure
EYE PROTECTION	Safety Glasses w/ Side Shields
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	Decomposes
VAPOR PRESSURE	Information not available
MELTING POINT	580 Deg C
VAPOR DENSITY	Information not available
EVAPORATION RATE	Not applicable
Appearance /Odors	White powder
Flash Point	Not

Specific Gravity	2.2-2.6
Percent Volatile by Evaporation Standard	>95
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	0.185 g in 100 mL water

10. Stability and reactivity

STABILITY	Stable odorless
CONDITIONS TO AVOID	Avoid contact with incompatible materials.
MATERIALS TO AVOID	Boric oxide, acids, fluorine, and many organic materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Not known to occur
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Not applicable

12. Ecological information

Not applicable

13. Disposal considerations

Not applicable

14. Transport information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient TSCA EC Japan Australia
Calcium Hydroxide (1305-62-0)Yes Yes Yes Yes

Chemical Inventory Status –
Part 2:Ingredient Korea DSL NDSL Phil.
Calcium Hydroxide (1305-62-0)Yes Yes NO Yes

Federal, State & International Regulations –
Part 1: Ingredient RQ TPQ List Chemical Catg.
Calcium Hydroxide (1305-62-0)NO NO NO NO

Federal, State &
International Regulations –
Part 2:Ingredient CERCLA 261.33 8(d)
Calcium Hydroxide (1305-62-0)

TSCA 12 (b):No
CDTA:No
SARA 311/312: Acute: Yes Chronic: Yes
Fire: NO Pressure: No
Reactivity: No PURE/SOLID)
Australian Hazchem NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

16. Other information

Conditions aggravated/Target organs: Persons with pre-existing eye, skin, respiratory disorders are more susceptible. Contact with eyes may cause irritation and possible corrosion damage. Target organs: Lungs. No chronic effects known.

Flammability

Health Reactivity

Revisions	NFPA
7/26/2010	0.1 updated msds to 16 section from 10 section msds. STN

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