

1. Product and Company Identification

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Product Name RXSOL-60-6283-500
Product Type Calcium Hydroxide Powder

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Calcium Hydroxide	CAS# 1305-62-0	100%	W/W	OSHA TWA 5 mg/m ³

3. Hazards Identification

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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.

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

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

Ingestion/Choking: Irritation. Exposure may be followed by severe pain, vomiting, diarrhea, and collapse. If swallowed, avoid eating or drinking. Avoid contact with eyes. Avoid contact with skin and clothes. A burning of the esophagus may occur weeks, months, or years after ingestion, making swallowing difficult.

Skin Contact: May cause severe burns and blisters, depending on duration of contact.

Eye Contact/Exposure: May produce severe irritation and pain. May induce alterations of the corneal epithelium. Can cause blindness.

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

4. First Aid Measures

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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

EYES:	reuse. 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

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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

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

7. Handling and Storage

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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

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

9. Physical and chemical properties

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BOILING POINT	<small>Decomposes</small>
VAPOR PRESSURE	<small>Information not available</small>
MELTING POINT	<small>500 Deg C</small>
VAPOR DENSITY	Information not available
EVAPORATION RATE	<small>No applicable</small>
Appearance /Odors	White powder,
Flash Point	<small>Not</small>
Specific Gravity	<small>2.226</small>
<small>Product Validity to</small>	<small>945</small>

Exposure Standard

Amb Airborne Temp

Not applicable

Liquid Phase, Limit in Air

Not applicable

Solid Phase, Limit in Air

Not applicable

Solubility in Water

0.187 g in 100 mL water

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

Avoid contact with incompatible materials.

MATERIALS TO AVOID

Basic oxides, acids, fluorides, and many organic materials.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known to occur

HAZARDOUS POLYMERIZATION will not occur

Conditions to Avoid None known

11. Toxicological information

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Not applicable

12. Ecological information

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Not applicable

13. Disposal considerations

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Not applicable

14. Transport information

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DOT Classification: Not Regulated

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

15. Regulatory information

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Chemical Inventory Status 

Part 1:Ingredient 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)

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

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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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