

IMPORTANT
MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.

Product No. SA 9581 M

Product Name LIMEWATER

Principal Hazardous Component(s)
Calcium Hydroxide C.A.S. #1305-62-0
Water (nonhazardous)

CHEMICAL HAZARD RATING

4-EXTREME	Health Hazard	1
3-SEVERE	Flammability	0
2-MODERATE	Reactivity	0
1-SLIGHT		
0-MINIMAL		

Chemical Synonyms	Calcium Hydroxide Solution
Formula	N/A
C.A.S. No.	See Section II
%	PEL. N/A
<1	TLV Units 5 mg/m ³
Bal.	

* chemical subject to the reporting requirements of SARA Title III.

Melting Point (°F)	N/A	Specific Gravity (H ₂ O=1)	1.0
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Complete		
Appearance & Odor	Water-white solution; odorless.		
Flash Point (Method Used)	Nonflammable	Flammable Limits in Air % by Volume	Lower N/A Upper N/A
Extinguisher Media	Suitable to extinguish the supporting flame.		

Special Firefighting Procedures
Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards
None

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See Section II

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Effects of Overexposure
Moderate upper respiratory irritant possible causing coughing, sore throat, irritation to nose or mucous membranes. Caustic chemical burns on contact.

Emergency and First Aid Procedures
Call a physician. **Inhalation:** Remove to fresh air. **Eye and Skin:** Immediately flush with water for at least 15 minutes **Ingestion:** Give large quantities of water, do not induce vomiting.

Stability	Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid	N/A
Incompatibility (Materials to Avoid)			Acidic compounds.
Hazardous Decomposition Products			None
Hazardous Polymerization May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>		Conditions to Avoid	N/A

Steps to be Taken in Case Material is Released or Spilled
Use normal clean-up procedures. Absorb material for disposal. Flush spill area with water.

Waste Disposal Method
Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities of in an approved chemical landfill. Flush water may be poured down the drain to an approved sewer.

Respiration Protection (Specify Type)	NIOSH approved dust/mist mask if vapors generated.
Ventilation	Local Exhaust Mechanical (General) X Special Other
Protective Gloves	Rubber gloves
Other Protective Equipment	Lab coat. Eye bath and shower available.

Precautions to be Taken in Handling & Storing
Keep container tightly closed when not in use.
Avoid excessive mist/vapor generation. Wash thoroughly after handling.

Other Precautions
Read label on container before using. Do not wear contact lenses when working with chemicals.
None