

SECTION 1 IDENTIFICATION	
Product Number	030-0090
Product Name	Calcium Hydroxide
Trade /Chemical Synonyms	
Formula	Ca(OH) ₂
RTECS	EW2800000
C.A.S. #	CAS# 1305-62-0
Health:	3
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 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.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	Dust mask recommended.
Ventilation:	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
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

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	Calcium Hydroxide	CAS# 1305-62-0	100%	W/	OSHA TWA 5 mg/m ³

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point:	Information not available
Boiling Point:	2850 Deg C
Vapor Pressure:	Information not available
Vapor Density:	Information not available
Solubility in Water:	0.1 g/ 100 g
Appearance /Odors:	White powder, low odor
Flash Point:	Not Flammable
Specific Gravity:	2.2-2.6
Percent Volatile by Volume:	0%
Evaporation Rate:	Not applicable
Evaporation Standard:	
Auto Ignition Temp:	Not applicable
Lower Flamm. Limit in Air:	Not applicable
Upper Flamm. Limit in Air:	Not applicable

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
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.

SECTION 4 FIRST AID MEASURES
FIRST AID: CALL A PHYSICIAN. 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 spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 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.

SECTION 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.

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability:	Stable
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

SECTION 11 ADDITIONAL 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.	
DOT Classification:	Not Regulated
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.	

Rev. No: 0 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC