

Nasco

9250'

SB01208

MATERIAL SAFETY DATA SHEET LIMEWATER

CHEMICAL SPOORS, INC.
P.O. BOX 313
PROSPECT HEIGHTS, IL 60070

PRODUCT NUMBER: L4187
DATE PREPARED: 12-13-84
EMERGENCY PHONE: (800) 424-9300
REGULAR PHONE: (312) 364-0150

SECTION I — IDENTIFICATION

CHEMICAL NAME: Limewater
TRADE NAMES OR SYNONYMS: Calcium hydroxide solution
CHEMICAL FAMILY: Alkali solution
FORMULA: Saturated $\text{Ca}(\text{OH})_2$ in water

SECTION II — HAZARDOUS INGREDIENTS

	%	TLV*
$\text{Ca}(\text{HO})_2$	Less than 1	N/A

*TLV NOT AVAILABLE

SECTION III — PHYSICAL DATA

BOILING POINT (°F): 212°
VAPOR PRESSURE (mm Hg): N/A
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: N/A
SPECIFIC GRAVITY: 1.0
PERCENTAGE VOLATILE BY VOLUME: 99%+
EVAPORATION RATE ($\text{H}_2\text{O} = .1$): 1
APPEARANCE AND ODOR: Clear or slightly turbid solution

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

FIRE AND EXPLOSION HAZARD SUMMARY: No hazard, nonflammable

FLASH POINT: (CLOSED CUP) (OPEN CUP) FLAMMABLE LIMITS: LEL = UEL =

EXTINGUISHING MEDIA: N/A

SPECIAL FIREFIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V — HEALTH HAZARD DATA

HEALTH HAZARD SUMMARY: Moderately caustic solution. Avoid contact with skin and eyes.

THRESHOLD LIMIT VALUE: N/A

SKIN, EFFECTS OF OVEREXPOSURE: May cause irritation.

SKIN, FIRST AID PROCEDURES: Wash with soap and water.

EYES, EFFECTS OF OVEREXPOSURE: Irritation, may cause burns.

EYES, FIRST AID PROCEDURES: Flush with water for 15 minutes, call a physician.

INHALATION, EFFECTS OF OVEREXPOSURE:

INHALATION, FIRST AID PROCEDURES:

INGESTION, EFFECTS OF OVEREXPOSURE: Irritation of gastrointestinal tract.

INGESTION, FIRST AID PROCEDURES: Give water or citrus juice, call a physician. Do not induce vomiting.

SECTION VI — REACTIVITY DATA

STABILITY: XX STABLE UNSTABLE

CONDITIONS TO AVOID: Contact with air or carbon dioxide.

INCOMPATIBILITY: Acids

HAZARDOUS DECOMPOSITION PRODUCTS: none

HAZARDOUS POLYMERIZATION: WILL OCCUR XX WILL NOT OCCUR

CONDITIONS TO AVOID:

SECTION VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Neutralize with 6M hydrochloric acid. Flush down sewer. Wash spill area with soap and water.

WASTE DISPOSAL METHOD: as above

This disposal method is a recommendation only. Be sure to dispose of materials in full accordance with all local, state, and federal regulations applicable.

SECTION VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: none

VENTILATION: none

PROTECTIVE GLOVES: rubber

EYE PROTECTION: splash goggles

OTHER PROTECTIVE EQUIPMENT: none

SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
keep well closed

OTHER PRECAUTIONS: none

We recommend obtaining a copy of the "Directory of Poison Control Centers." To obtain a copy, write: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C.

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