

9250
Lime water

MATERIAL SAFETY DATA SHEET

SB1508
3A9580
S19581

061146

CHEMICAL SPOORS, INC.

P.O. BOX 313

OSPECT HEIGHTS, IL 60070

PRODUCT NUMBER: L4187

DATE PREPARED: 12-13-84

EMERGENCY PHONE: (800) 424-9300 (CHEMT

REGULAR PHONE: (312) 364-0150

SECTION I - IDENTIFICATION

CHEMICAL NAME: Lime water

TRADE NAMES OR SYNONYMS: Calcium hydroxide solution

CHEMICAL FAMILY: Alkali solution

FORMULA: Saturated $\text{Ca}(\text{OH})_2$ in water

SECTION II - HAZARDOUS INGREDIENTS

$\text{Ca}(\text{HO})_2$

%

Less than 1

TI

N/A

(not applic

*TLV NOT AVAILABLE

SECTION III - PHYSICAL DATA

BOILING POINT ($^{\circ}\text{F}$): 212

VAPOR PRESSURE (mm Hg): NA

VAPOR DENSITY (AIR = 1): NA

SOLUBILITY IN WATER: NA

SPECIFIC GRAVITY: 1.0

PERCENTAGE VOLATILE BY VOLUME: 99%+

EVAPORATION RATE (H_2O = 1): 1

APPEARANCE AND ODOR: Clear or slightly turbid solution.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FIRE AND EXPLOSION HAZARD SUMMARY: No hazard, non-flammable.

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

EXTINGUISHING MEDIA: NA

SPECIAL FIREFIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

7230
SECTION V - HEALTH HAZARD DATA

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

THRESHOLD LIMIT VALUE: NA

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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