

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) Standard Lime Type S Hydrated	Note: Blank spaces are not permitted. If any Item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Standard Lime Products Company, LLC	Emergency Telephone Number 951 351-0970
5877 Griffith Street Riverside, CA 92504-1116	Telephone Number for Information 951 351-0970
Emergency Telephone Number Chemtrec: 800 424-9300	Date Prepared 7-16-2005
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Chemical Name: DOLOMITIC HYDROXIDE				
Trade Name: MIRACLE MORTA-LOK, TYPE "S" MASONS LIME				
Chemical Family: ALKALI BASE				
Formula: Ca (OH) ₂ Mg (OH) ₂				

Section III - Physical/Chemical Characteristics

Boiling Point	5050°	Specific Gravity (H ₂ O=1) TRUE	2.3 - 2.6
Vapor Pressure (mm Hg)	N. A.	Melting Point	decomposition N. A.
Vapor Density (AIR = 1)	N. A.	Evaporation Rate (Butyl Acetate = 1)	N. A.
Solubility in Water NEGLIGIBLE			
Appearance and Odor WHITE/EARTHY			

Section IV - Fire and Explosion Hazard Data

Flash Point (Methods Used) NOT APPLICABLE	Flammable Limits NOT APPLICABLE	LEL N. A.	UEL N. A.
Extinguishing Media NOT APPLICABLE			
Special Firefighting Procedures HYDRATED LIME IS INCOMBUSTIBLE			
Unusual Fire and Explosion Hazards NOT APPLICABLE			

Section V - Reactivity Data

Stability	Unstable	YES	Conditions to Avoid IF SUBJECTED TO CARBON DIOXIDE AND OR ACIDS
	Stable	YES	IF CONFINED IN WATER-TIGHT CONTAINER

Incompatibility (Materials to Avoid)
CONTACT WITH ACIDS

Hazardous Polymerization	May Occur		Hazardous Decomposition or Byproducts Conditions to Avoid NOT APPLICABLE	None
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of entry	Inhalation? YES	Skin? NO	Ingestion? Yes
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Health Hazards (Acute and Chronic)
THE DRYING AND BURNING OF SKIN, EYE IRRITATION AND DAMAGE AND AGGREVATION OF BREATHING DISORDERS.

Carcinogenicity: NOT APPLICABLE	NTP? NOT APPLICABLE	IARC Monographs? NOT APPLICABLE	OSHA Regulated? NO
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Signs and Symptoms of exposure
UNDER DUSTY CONDITIONS IT CAN CAUSE EXCESSIVE DRYING OF THE SKIN AND POSSIBLE SKIN IRRITATION.

EYES AND OPEN CUTS ARE PARTICULARLY VUNERABLE.

Medical Conditions
Generally Aggravated by Exposure
BREATHING DISORDERS WHICH ARE BOTHERED BY DUST

Emergency First Aid Procedure
WASH OFF ALL LIME DUST FROM SKIN WITH CLEAN WATER: THEN OPTIONALLY RINSE SKIN WITH VINEGAR; APPLY BURN

ointment to affected areas. FOR EYES - FLUSH OUT IMMEDIATELY WITH WATER AND SEE PHYSICIAN

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
NORMAL CLEANUP

Waste Disposal Method
CAN BE SALVAGED FOR USE OR EMPTIED IN SEWER OR REMOVED TO DUMP. DISPOSE OF THE MATERIAL IN ACCORDANCE

WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions to be Taken Handling and Storage
KEEP PRODUCT DRY AND AVOID DUSTING

Other precautions
NONE

Section VII - Control Measures

Respiratory Protection (Specify Type)
PROTECTIVE (FILTER) MASK IN DUSTY ENVIRONMENTS.

Ventilation	Local Exhaust NOT APPLICABLE	Special NOT APPLICABLE
	Mechanical (General) APPLY ADEQUATE VENTILATION TO KEEP CONCENTRATION BELOW 125MG/CUM	Other VENT TO DUST COLLECTOR

Protective Gloves
WORK GLOVES IN MANUAL HANDLING

Eye Protection
TIGHT-FITTING SAFETY GOGGLES

Other Protective Clothing or Equipment: LONG SLEEVE SHIRT WITH BUTTONED COLLAR; LONG PANTS EXTENDING OVER WORK SHOES, PROTECTIVE CREAM ON EXPOSED SKIN.

Work/Hygienic Practices
WASH AND BATHE REGULARY