Material Safety Data Sheet

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)

Hydrated Lime

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.

Section I

Manufacturer's Name:
Mississippi Lime Company

Address (Number, Street, City, State, and ZIP Code): P.O. Drawer 311, Hwy. 61, Ste. Genevieve, MO 63670

Emergency Telephone Number: (314) 883-5731

Telephone Number for Information: (314) 883-5731

Date Prepared: March 1989

Signature of Preparer (optional):

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))
Calcium Hydroxide; Slaked Lime

OSHA PEL

ACGIH TLV

Other Limits Recommended
%

Calcium Hydroxide; Slaked Lime
5 mg/m³
5 mg/m³

Section III — Physical/Chemical Characteristics

Boiling Point: (Calcium Oxide) 5162°F

Specific Gravity (H₂O = 1): 2.2

Vapor Pressure (mm Hg): NA

Melting Point: Loses Water 1076°F

Vapor Density (AIR = 1): NA

Evaporation Rate (Butyl Acetate = 1): NA

Solubility in Water: 0.185% @ 0°C; 0.077% @ 100°C

Appearance and Odor:
White Powder; odorless

Section IV — Fire and Explosion Hazard Data

Flash Point (Material Used): NA

Flammable Limits: NA

LEL: UEL

Extinguishing Media: NA

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: NA

Received Oct 12 1989
Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
<th>Unstable</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid) Acids, Fluorine

Hazardous Decomposition or Byproducts

<table>
<thead>
<tr>
<th>Hazardous</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymerization</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Will Not Occur X

Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic) Corrosive to skin and eyes. Causes irritation and inflammation of mucous membrane and respiratory passages.

Carcinogenicity: NTP? | No
                      | IARC Monographs? | No
                      | OSHA Regulated? | No

Signs and Symptoms of Exposure Irritation of skin, eyes, and respiratory tract.

Medical Conditions Generally Aggravated by Exposure Respiratory disease, skin conditions.

Emergency and First Aid Procedures Flush skin and eyes thoroughly with water. Remove to fresh air.

Get medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

Waste Disposal Method Disposal must be made in accordance with Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing Store away from incompatible substances.

Other Precautions None

Section VIII — Control Measures

| Respiratory Protection (Specify Type) | Dust filter mask. |

Ventilation

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>To maintain TLV's &amp; PEL's</th>
<th>Special</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical (General)</td>
<td>To maintain TLV's &amp; PEL's</td>
<td>Other</td>
<td>NA</td>
</tr>
</tbody>
</table>

Protective Gloves Leather or Rubber Eye Protection Well fitted goggles.

Other Protective Clothing or Equipment Long sleeves and pants.

Work/Hygienic Practices Maintain exposure limits below TLV's & PEL's. if not, use respiratory protection.