SAFETY DATA SHEET
LIME (CALCIUM HYDROXIDE)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME LIME (CALCIUM HYDROXIDE)

SYNONYMS, TRADE NAMES
CALCIUM HYDROXIDE

APPLICATION pH modifier.

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2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM HYDROXIDE (LIME)</td>
<td>215-137-3</td>
<td>1305-62-0</td>
<td>60-100%</td>
<td>Xi;R36/38.</td>
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</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS
The Data Shown is in accordance with the latest EC Directives.

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

4 FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention.

INGESTION
DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES
Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS
High concentrations of dust may form explosive mixture with air.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Do not allow to enter drains, sewers or watercourses.
LIME (CALCIUM HYDROXIDE)

7 HANDLING AND STORAGE

SPILL CLEAN UP METHODS
Avoid generation and spreading of dust. Ventilate well. Collect in containers and seal securely. Remove containers and flush area with water.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Powder, dust

COLOUR
White / off-white

ODOUR
Odourless

SOLUBILITY
Slightly soluble in water.

MOL. WEIGHT
74

RELATIVE DENSITY
2.34 @ 20 °C

PARTICLE SIZE (Micron)
<500

SOLUBILITY VALUE (g/100g H2O @ 20°C)
1.7

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid contact with: Water, moisture, and Creation of dust clouds.

MATERIALS TO AVOID

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50
7340 mg/kg (oral rat)

INHALATION
May cause irritation to the respiratory system. Symptoms may include sore throat, coughing, shortness of breath and difficulty breathing.

INGESTION
May cause burns in mucous membranes, throat, oesophagus and stomach.
SKIN CONTACT
Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT
Irritating to eyes. Repeated exposure may cause chronic eye irritation. Extreme irritation of eyes and mucous membranes, including burning and tearing.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Contact M-I Swaco's QHSE Department for ecological information.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Recover and reclaim or recycle, if practical. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

LABELLING

RISK PHRASES
R36/38  Irritating to eyes and skin.

SAFETY PHRASES
S24/25  Avoid contact with skin and eyes.
S26  In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37  Wear suitable gloves.

UK REGULATORY REFERENCES
Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations
EU DIRECTIVES
GUIDANCE NOTES
Workplace Exposure Limits EH40.

16 OTHER INFORMATION

GENERAL INFORMATION
HMIS Health - 2  HMIS Flammability - 0  HMIS Physical Hazard - 0

INFORMATION SOURCES

REVISION COMMENTS
The following sections have been revised: 2, 5, 6, 7, 8, 10, 14, 15 and 16. Revised by Bill Cameron

ISSUED BY
Sam Hoskin

REVISION DATE 12-10-05

REV. NO./REPL. SDS GENERATED 3

SDS NO. 10290

RISK PHRASES IN FULL
R36/38  Irritating to eyes and skin.
DISCLAIMER

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