

### 1. General Information

**Trade Name:** MURALIME

**Specification / Type:** Lime Plaster

**Contact:** Mediterranean Colors, LLC.  
3060 Kerner Blvd. Ste S  
San Rafael, CA 94901  
USA  
(415) 455-9896

### 2. Hazardous Ingredients

CAS No.	EC No.	Weight %	Symbol	Risk Phrase
1305-62-0 calcium hydroxide	215-137-3	> 20 M%	Xi	R36/38/41

*Note: the irritating hazard applies only when the product is in contact with water (basic reaction)*

### 3. Physical Properties

**Average Exposure Value:** 5 mg/m<sup>3</sup>

**Appearance:** White or colored powder

**Odor:** No characteristic odor

**Melting point:** Decomposition at temperatures above 1000° C

**Flammability:** Non-flammable

**Explosion hazard:** Non-explosive

**Vapor Pressure:** Non-volatile

**Density:** 0.75 kg/dm<sup>3</sup>

**Solubility in water:** Up to 3 g/l

**PH:** 12

### 4. Fire Hazard

**Extinguishing Media:** N/A

**Specific Hazards:** The substance is non-flammable.

**Special Firefighting Procedures & Equipment:** No special measures are required.

### 5. Health Hazard Information

**Signs & Symptoms of Exposure:**

**Xi, irritating:**

R 36 Irritating to eyes

R 38 Irritating to skin

R 41 Risk of serious damage to eyes

Hydrated lime dissolves in water to form a base (increase of pH). Non-toxic product

"Irritating" is not a hazard risk for the dry powder; it applies only after there has been contact with water (basic reaction).

**Emergency & First Aid Procedures:**

**Eyes:** S 26 Rinse immediately with plenty of cold water. Seek medical advice.

**Skin:** S 28 Wash the area involved immediately with cold water.

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**Ingestion:** Rinse mouth with water and drink plenty of water. Consult a physician. **Inhalation:** Rinse nose and throat with water. Breathe fresh air.

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## 6. Reactivity Data

**Stability:** Calcium hydroxide dehydrates and produces calcium oxide at 580° C  $\text{Ca}(\text{OH})_2 \rightarrow \text{CaO} + \text{H}_2\text{O}$

**Conditions to Avoid:** Contact with water

**Incompatible Materials:** Strong exothermic reaction in the presence of acids

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## 7. Spill or Leak Procedure

**Environmental Precautions:** Hydrated lime is a basic substance that raises the pH of water to 12.4. A chalk value greater than 1.65 kg/m<sup>3</sup>  $\text{Ca}(\text{OH})_2$  of water could be harmful to aquatic life.

**Clean-up Methods:** Mechanically take up dry and collect in a suitable container.

**Disposable Recommendations:** Refer to local, regional, or national regulations.

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## 8. Occupational Protective Measure

S 25 Avoid eye contact.

S 26 Avoid contact with skin; rinse immediately with plenty of water and seek medical advice. S 39 Wear safety glasses.

Avoid generating dust.

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## 9. Special Precautions

**Handling and Storage Precautions:** Keep dry and store in original container.

**Recommended Procedures and Equipment:**

**Eyes:** Wear safety glasses

**Skin:** Work clothes

**Hands:** S 37 Wear suitable gloves

**Eyes:** S 39 Wear goggles

**Procedures and Equipment to Avoid:** Do not eat or drink in the areas where the preparation is used.

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## 10. Transportation Information

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMDG

All ingredients are exempt from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.