

1. General Information

Trade Name: ecostucco® UNILIME

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
65 997-15-1 hydraulic binder	266-043-4	2 to 10 M%	Xi	R36/38

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

3. Physical Properties

Average Exposure Value: 5 mg/m³

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/dm³

Solubility in water: Up to 3 g/l

PH: 11

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

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

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/m³ $\text{Ca}(\text{OH})_2$ 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.

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.

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.

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.