
1. General Information

Trade Name: ST ASTIER NHL

Specification / Type: Natural Hydraulic Lime

Contact: Mediterranean Colors, LLC.
10 Liberty Ship Way
Sausalito, CA 94965
(415) 331-3886

2. Hazardous Ingredients

Compound	CAS#	OSHA PEL	ACGIH TLV
Calcium hydroxide (hydrated lime)	1305-62-0	15 mg/m ³	10 mg/m ³
Calcium carbonate (calcite)	1317-65-3	15 mg/m ³	10 mg/m ³
Calcium oxide (burnt lime)	10034-77-2	5 mg/m ³	2 mg/m ³

*Breathable fraction.

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
Combustion: Non flammable
Explosion hazard: Non explosive
Vapor Pressure: Non volatile

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 contact with eyes;

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

Transport of the product is not subject to ADR regulation [the European Agreement on international transport of dangerous goods by road]

This Safety Data Sheet is in addition to any Usage Guidelines for your local area and is not a replacement therefore. The information contained herein is based on the state of our knowledge as of the effective date shown and is presented in good faith. Users shall note the risks they assume if using a product for purposes other than those for which it was manufactured. This sheet does not release the user from the responsibility of knowing and applying all laws and regulations governing his activity. It is solely the user's responsibility to take the necessary precautions for any use of the product.