



MATERIAL SAFETY DATA SHEET

Caltite

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Everdure Caltite**
Synonyms: None
Chemical Family: None

Company Identification: CALPORTLAND COMPANY
2025 E. Financial Way
Glendora, CA 91741
(626) 852-6200
www.calportland.com

Prepared By: Paul Eigbrett (MSDS Authoring Services)
Approved By: Jay Grady
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2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL (ppm)</u>	<u>ACGIH TLV (ppm)</u>
Ammonium Hydroxide	<25%	1336-21-6	50	25

COMPOSITION COMMENT: --

Everdure Caltite is an aqueous emulsion of hydrophobic materials and polymers used for waterproofing and corrosion proofing concrete. Primary raw materials include blended chemicals along with aliphatic fatty acids.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! THIS PRODUCT CAN CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY SYSTEM.
PRODUCT CAN CAUSE GASTROINTESTINAL IRRITATION IF INGESTED.

Routes of Exposure:

Eye Contact: May cause eye irritation, severe burns and damage to the cornea.

Skin Contact: This product can cause dry skin, redness, discomfort, irritation.

Ingestion: Ingestion of Everdure Caltite may cause intestinal distress.

Inhalation: Breathing Everdure Caltite may cause nose, throat or lung irritation and choking.

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Medical Conditions which May be Aggravated by Inhalation or Dermal Exposure: Pre-existing skin and upper respiratory and lung diseases may be aggravated by exposure to this product.

Carcinogenic Potential: This product is not listed as a carcinogen by NTP, OSHA, or IARC.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes thoroughly with water. Call physician if irritation persists.

Skin: Wash skin with soap and water. Call physician if irritation persists.

Ingestion: Do not induce vomiting. Call a physician for medical advice.

Inhalation: Move person to fresh air. Seek medical attention for discomforts.

5. FIRE FIGHTING MEASURES

Flash Point – Solution is non-flammable

Lower Explosive Limit – None

Upper Explosive Limit – None

Unusual Fire & Explosion Hazards – Dried paste when burned will produce dense, acrid smoke containing ammonia, carbon monoxide and other hydrocarbons with irritating properties.

Extinguishing Media – NA

Special fire fighting Procedures – None

6. ACCIDENTAL RELEASE MEASURES

Spills: Contain spills. Avoid release to sanitary sewers. Recapture free material with absorbents and place into resealable container for disposal. Wear protective clothing and PPE.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage above 0 degrees centigrade:

Exercise normal safety precautions when handling liquid Everdure Caltite or concrete containing Everdure Caltite. Practice good housekeeping. Maintain and test ventilation. Product may coagulate if frozen at 0 degrees C. Dried paste is Combustible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: When engaged in activities where ingredients could contact the eye, wear safety glasses with side shields or goggles. Wearing contact lenses when using this product under dusty conditions is not recommended.

Skin Protection: Avoid contact with products ingredients. Where exposure to products might occur, wear impervious clothing and gloves to eliminate skin contact.

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Respiratory Protection: Under ordinary conditions, no respiratory protection is required. Wear a NIOSH approved respirator for ammonia when working with the product in areas that have poor or no ventilation.

Ventilation: Use local exhaust or general dilution ventilation to control exposure within applicable limits.

Engineering Controls: Use exhaust ventilation to maintain proper air flow.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance – Dark Brown Liquid

Odor – Slight Ammonia odor

Physical State – Liquid

Specific Gravity (H₂O=1) – 0.96 – 1.00

pH (in water) (ASTM D 1293-95) – Not Applicable

Solubility in Water – Aqueous emulsion

Vapor Pressure – Not Applicable

Vapor Density – Not Applicable

Boiling Point – 100 degrees C

Melting Point – Not Applicable

Evaporation Rate – Not Applicable

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: None

Hazardous Polymerization: Hazardous polymerization will not occur.

Incompatibility with other materials: None

Hazardous Decomposition: Will not spontaneously occur.

11. TOXICOLOGICAL INFORMATION

Ammonium Hydroxide

Route of Exposure:

Skin Contact: May cause irritation and burns.

Skin absorption: May be harmful if absorbed through the skin.

Eye contact: May cause burns.

Inhalation: Material can be destructive to the tissue of the mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Toxicity Data:

Oral, Human 43 mg/kg

Inhalation, Human 5,000 ppm

Oral, Rat 350 mg/kg

Intravenous, Mouse 91 mg/kg

Irritation Data:

Eye, Rabbit 0.25 mg

Signs and Symptoms of Exposure:

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

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12. ECOLOGICAL INFORMATION

Acute Ecotoxicity:

Test type LC50 Fish

Time 96Hrs

Value: <1 mg/l

May be harmful to aquatic life due to the shift of the pH.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of waste material according to local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Hazardous Materials Description/Proper Shipping Name: Ammonia Solutions, in water with more than 10 percent but less than 35 percent ammonia.

Hazard Class: 8

Identification Number: UN 2672

Required Label Text: Corrosive

Hazardous Substances/Reportable Quantities: Not Applicable

15. REGULATORY INFORMATION

FEDERAL REGULATORY STATUS:

Status under OSHA Hazard Communication Standard, 29 CFR 1910.1200: This product is considered a "hazardous chemical" (because of its health hazard) under this regulation, and should be included in the employer's hazard communication program.

Reportable Quantities Under the Clean Water Act, CERCLA, and EPCRA, 40 CFR 117, 302 and 355: Ammonium Hydroxide is listed.

Status Under the Toxic Substances Control Act, 40 CFR 710: Listed.

Status under Workplace Hazardous Materials Information System (WHMIS), Canada: The product is considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore subject to the labeling and MSDS requirements of the Workplace Hazardous Materials Information System (WHMIS).

DSL: Yes

NDSL: No

Status under Canadian Environmental Protection Act: Listed.

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16. OTHER INFORMATION

Label Requirements:

WARNING! THIS PRODUCT CAN CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY SYSTEM.
PRODUCT CAN CAUSE GASTROINTESTINAL IRRITATION IF INGESTED.

Hazardous Material Information System (HMIS):	Health	3
	Flammability	0
	Physical Hazard	0
	Personal Protection	A

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: Safety glasses, gloves

ADDITIONAL INFORMATION:

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY CALPORTLAND, except that the product shall conform to contracted specifications. The information provided herein was believed by CalPortland Company to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

END OF MSDS