

**AERCHEM INC.**  
**400 W. 7th Street, Suite 112**  
**Bloomington, IN 47404**

Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300

**Effective Date:** 10/25/95

**Product Name:** VERTICAL QUICKLIME

**Haz**

**Hazardous Ingredients:**

Calcium Oxide; Quicklime. Quicklime is not listed on the NTP, IARC, or OSHA lists of carcinogens.

**Physical Data:**

Melting point (range) Approx.:	4662°F
Boiling point:	5162°F
Specific Gravity (Water=1):	3.40 (H <sup>2</sup> O=1)
Solubility in water:	Reacts to form calcium hydroxide
Vapor pressure:	NA (mm Hg)
Tap density :	NA (mm Hg)
Odor:	Odorless
Physical Form:	White to gray lumps, pebbles, granules, powder

**Fire and Explosion Information:**

Flash point:	NA
(Auto) Ignition temperature:	NA
Extinguishing media to be recommended:	NA
to be avoided:	NA
Fire and explosions hazards:	Material is an explosion hazard when confined when wet
Special fire fighting procedures:	Reaction with water produces enough heat to ignite combustible material.

**Reactivity Data:**      Stable   X        Unstable \_\_\_\_\_

**Hazardous Decomposition:**    None

**Hazardous Polymerization:**    Will not occur

**Incompatibilities:**    (Materials to Avoid)    Water, Acids, Interhalogens, Phosphorus(V) Oxide.

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**Handling and Storage Information:** Store away from water and acids.

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**Leak/Spill Information:** Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

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**Disposal Information:** Dispose of product in accordance with Federal, State and Local regulations.

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**Health Hazard Information:**

**A. Exposure/Health Effects:** Corrosive to skin and eyes. Causes irritation and inflammation to mucous membrane and respiratory passages.

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**Chronic Exposures:** Long term exposure can cause irritation, ulceration and perforation of nasal septum

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**B. First Aid: Inhalation:** Remove to fresh air.

**Ingestion:** Drink plenty of water if swallowed.

**Skin Contact:** Wash off dust with soap and water.

**Eye Contact:** Flush out eyes with generous amounts of water.

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**C. Toxicity Data**

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**Occupational Control Measures:**

**Airborne Exposure Limited:**

**Ventilation Systems:**      Local exhaust to maintain TLV's and PEL's  
   Mechanical to maintain TLLV's and PEL's

**Skin Protection:**            leather or rubber gloves

**Eye Protection:**            Well fitted goggles

**Special Protection:**      Long sleeve shirts and pants

**Work/ Hygienic Practices:** Maintain dust exposure limits below TLV's and PEL's. If not possible-use use respiratory protection.