



# American Perlite

## MATERIAL SAFETY DATA SHEET

### MILLED PERLITE ORE

#### I. Product Identification

Trade Name (as labeled): AP-04, AP-08, AP-10, AP-16

Manufacturer's Name: American Perlite  
 Address: 3750 Fuller Road, Big Pine, CA 93513  
 Phone Number: (541) 415-1899  
 Fax Number: (514) 415-1899

Date Prepared or Revised: December, 2000

#### II. Product Ingredients

Chemical Names	CAS Numbers	Exposure Limits in Air (give units)		
		ACGIH TLV	OSHA PEL	Other (specify)
Perlite	93-763-70-3	10 mg/M <sup>3</sup>	15 mg/M <sup>3</sup>	

A mineral composed of sodium potassium aluminum silicate of variable composition, perlite is considered a nuisance dust only.

Alpha-Cristobalite & Tridymite: Less than 0.1%  
 Alpha Quartz: 0.01 to 0.05%

#### III. Physical Properties

Vapor Density (air=1)	N/A	Melting point or range, °F:	1700+
Specific Gravity (Water=1)	2.3	Boiling point or range, °F:	N/A
Solubility in Water:	<1%	Evaporation rate (butyl acetate=1)	N/A
Vapor Pressure, mmHg at 20°C:	N/A		
Appearance and odor:	Gray granules, no odor.		

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist):  
 Visual only (dust). No gas, vapors, or mist emitted.

#### IV. Fire and Explosion

Flash Point, °F (Give method): Perlite is a fully oxidized, non-flammable mineral.

Auto ignition temperature, °F: N/A

Flammable limits in air, Volume %: N/A Lower (LEL): N/A Upper (UEL): N/A

Fire extinguishing materials: N/A

\_\_\_\_ water spray      \_\_\_\_ carbon dioxide      \_\_\_\_ other:

\_\_\_\_ foam      \_\_\_\_ dry chemical

Special fire fighting procedures: N/A      Unusual fire and explosion hazards: N/A

## V. Health Hazard Information

### A) Symptoms of overexposure for each potential route of exposure

Inhaled: Coughing  
 Contact with skin or eyes: Possible eye irritation from dust particles; wear eye protection  
 Absorbed through skin: N/A  
 Swallowed: N/A

### B) Health effects or risks from exposure

Acute: None  
 Chronic: Excessive inhalation over long period may cause harmful irritation, use NIOSH approved mask for nuisance dust.  
 Target Organ: None

### C) First Aid: Emergency procedures

Eye contact: Attempt to wash out with clear water; if unable have particle removed by doctor.  
 Skin contact: None  
 Inhaled: Remove affected individual from dusty area to area with clean air  
 Swallowed: None

### D) Suspected Cancer Agent?

NO: This products ingredients are not found in the lists below:  
 YES:  Federal OSHA  NTP  IARC

### E) Medical conditions aggravated by exposure

Any respiratory illness which may be aggravated by a nuisance dust.

## VI. Reactivity Data

Stability:  Stable  Unstable  
 Incompatibility (Materials to avoid): None  
 Hazardous decomposition products (including combustion products): None  
 Hazardous Polymerization:  May Occur  Will not occur  
 Conditions to avoid: None

## VII. Spill, Leak, and Disposal Procedures

Spill response procedures (include employee protection measures):  
 Vacuum clean or sweep material; Use respirators suitable for nuisance dust and eye protection

Preparing wastes for disposal (container types, neutralization, etc.):  
 Dispose in bulk or containers according to local dump requirements. No special treatment required.

Note: Dispose of all wastes in accordance with federal, state, and local regulations.

## VIII. Special Handling Information

Ventilation and engineering controls: Maintain dust level below TLV.	Respirator protection (type) NIOSH approved masks suitable for nuisance dust.
Eye Protection (type) Protective goggles	Gloves (specify material) Not required
Other clothing and equipment Not required	Work practices, hygienic practices Use good housekeeping to avoid transient dust
Other handling and storage requirements Use good housekeeping to avoid transient dust	
Protective measures during maintenance of contaminated equipment None special other than NIOSH approved masks and goggles	