

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Big & Chunky Perlite  
**PRODUCT DESCRIPTION:** Perlite

**MANUFACTURER:**  
**United Compost and Organics**  
**DBA FoxFarm Soil and Fertilizer Co.**  
**1900 Bendixsen Street**  
**Samoa, CA. 95564**  
**707-443-4369**

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## 2. HAZARDOUS INGREDIENTS IDENTIFICATION

Chemical Name	CAS#	OHSA PEL	ACGIH TLV
Perlite – A nuisance dust	93763-70-3		
Respirable		5mg/m3	5mg/m3
Total		15mg/m3	10mg/m3

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

Crystalline Silica (<0.10%) 14808-60-7  
Cristobalite (<0.10%) 14464-46-1

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause temporary eye irritation and inflammation.

**SKIN:** N/A

**SKIN ABSORPTION:** No

**INGESTION:** Not hazardous. Generally regarded as safe by the FDA.

**INHALATION:** Congestion and irritation of throat, nasal passages, and upper respiratory systems.

**ACUTE TOXICITY:** No

**CHRONIC:** Contains less than 0.1% crystalline silica, a nuisance dust. Inhaling over long periods of high amounts of any nuisance dust may overload lung clearance mechanism and make lungs more vulnerable to respiratory disease

**MEDICAL CONDITIONS AGGRAVATED:** Individuals with pulmonary and/or respiratory disease should avoid exposure to dust.

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## 3. FIRST AID MEASURES

**EYES:** Flush eyes with water for 15 minutes.

**SKIN:** N/A

**INGESTION:** N/A

**INHALATION:** Move victim to fresh air. Drink water to clear throat and blow nose.

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## 4. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Perlite is a fully oxidized, non-flammable mineral.

**FIRE FIGHTING PROCEDURES: N/A**  
**AUTOIGNITION TEMPERATURE: N/A**  
**FLASHPOINT: N/A**  
**HAZARDOUS DECOMPOSITION PRODUCTS: N/A.**

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## **5. HANDLING AND STORAGE**

**HANDLING:** In case of spill, sweep or vacuum and dispose in compost area or garden.

**STORAGE:** Store at ambient temperature in a dry location.

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## **6. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Eye protection recommended.

**SKIN:** N/A

**RESPIRATORY:** Dust mask recommended.

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## **7. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Loose particulate.

**COLOR:** White.

**BOILING POINT:** N/A

**SOLUBILITY IN WATER:** No

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## **8. STABILITY AND REACTIVITY**

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known.

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** Reacts with hydrofluoric acid to form toxic silicon tetrafluoride gas.

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**THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.**

**ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.**

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