

Material Safety Data Sheet Potting Soil Mix

Last Revision: September, 2006

Emergency Phone: (541) 913-9612

Product Identification

Name: Natural and Organic Potting soil
Chemical description: Basic soil type mix containing perlite, pumice, coir(Coco fiber), compost and a organic fertilizer blend which physically is a loose organic and mineral combination
Hazardous components: Silica Dust

Company: Aurora Innovations, INC (541) 913-9612 www.aurorainnovations.org

Physical/Chemical Characteristics

Boiling point Not applicable
Vapor pressure Not applicable
Vapor density Not applicable
Evaporation rate Not applicable
Melting point Decomposes >400 F
Specific gravity Not applicable
pH 6.8 @10% dispersion in water
Solubility in water Insoluble, except for some organic fertilizer components which have low solubility
Appearance Dark brown with white specks, coarse organic solid
Odor Earthy

Fire and Explosion Information

Flash point Not applicable
Flammable limits May char or smolder if exposed to fire, will not burn.
Extinguishing media Water, CO₂
Special Fire Fighting Procedures No special methods required
Special Fire and Explosion hazards May emit corrosive fumes when charred by intense heating.

Reactivity Data

Stability Stable at normal temperatures.
Conditions to avoid Contact with strong oxidizers.
Incompatibility Strong alkalis will release ammonia fumes.
Hazardous decomposition Ammonia may form if product is strongly heated or oxidized.
Hazardous polymerization Will not occur

Spill or Leak Procedures

If spilled, simply sweep or vacuum up spilled product, dispose as soil.
Decontamination is unnecessary. No environmental hazards.

Health Effects/First Aid Information

Inhalation: Help victim to fresh air, if breathing difficult administer oxygen. Consult physician.

Eyes: Will irritate on contact, wash out quickly to remove all particulate matter.

Ingestion: For small amounts, drink plenty of water. More than a mouthful should be purged by vomiting, but only if victim is conscious.

Skin: Wash with soap and water.

Signs/symptoms of exposure: Product components are soil like in nature and are non-toxic, non allergenic, and non pathogenic to mammals. No known chronic effects.

Carcinogenicity: Silica dust is listed as a carcinogen in California other ingredients not listed as carcinogenic in NTP or IARC listings. Not OSMA regulated

Precautions for safe handling and use:

Respiratory Protection: Not normally needed. If dusting occurs use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended to control dusting.

Protective gloves/clothing: Rubber or plastic recommended if repeated or prolonged contact expected.

Eye protection: Chemical splash goggles recommended where dusting is expected. Safety glasses suffice otherwise.

Work practices: Use good housekeeping practices.

Spills: Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage, if not contaminated by other material.

Waste Disposal method: Package material for removal to approved landfill.

Precautions for storing and handling: None
