

Material Safety Data Sheet

Roots Organics Oregonism

Last Revision: December, 2009

Emergency Phone: (541) 913-9612

Product Identification

Name: **Oregonism**

Chemical description: Beneficial endomycorrhizal and ectomycorrhizal propagules on an expanded clay carrier beneficial for plant growth. Organic fertilizer and humic/fulvic acids.

Hazardous components: None

Company: Aurora Innovations, Inc. (541) 359-1580 www.aurorainnovations.org

Physical/Chemical Characteristics

Boiling point	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Evaporation rate	Not applicable
Melting point	Not applicable
Specific gravity	0.5
pH	6.5 @ 10% dispersion in water
Solubility in water	Hydrophobic initially becoming soluble
Appearance	Beige powder
Odor	Not distinctive

Fire and Explosion Information

Flash point	Not applicable
Flammable limits	Smolders when directly heated in flame.
Extinguishing media	Water, CO ₂
Special fire fighting procedures	No special methods required
Special fire and explosion hazards	Dust explosion is possible when product is finely dispersed in air.

Reactivity Data

Stability	Stable at normal temperatures.
Conditions to avoid	Strong winds
Incompatibility	None
Hazardous decomposition	Will not occur
Hazardous polymerization	Will not occur

Health Effects/First Aid information

Routes of entry:

Inhalation: Dust can cause irritation of mucus membrane, sneezing and coughing. Persons allergic to spores may be sensitive.

Eyes: Will irritate on strike, wash out quickly.

Ingestion: Not toxic, but in large amounts can cause upper GI tract disturbance.

Skin: Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin.

Signs/symptoms of exposure: Eye irritation and or sneezing, coughing and difficulty breathing.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSHA regulated.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. If breathing difficult, administer oxygen. Consult physician.

Eyes: Flush immediately with water for 15 minutes, lift lids. See physician if irritation persists.

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

Skin: Wash gently with mild soap/detergent and flowing water. Wash contaminated clothing.

Precautions for Safe Handling and Use

Respiratory protection: If dusting occurs use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended for control of any 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. Keep containers tightly closed.

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 in storing and handling: Avoid storage in wet or moist areas
