

# Material Safety Data Sheet

## Roots Organics Cocofiber Hydroponic Soilless Media

Last Revision: December, 2009

Emergency Phone: (541) 913-9612

715165

### Product Identification

Name: Cocofiber Hydroponic Soilless Media

Chemical description: Basic soil type mix containing perlite, pumice, coir (coco fiber) and a organic fertilizer blend which physically is a loose organic and mineral combination

Hazardous components: Silica Dust

Company: Aurora Innovations, Inc. (541) 359-1580 [www.aurorainnovations.com](http://www.aurorainnovations.com)

### 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, CO <sub>2</sub>                                   |
| 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: Remove 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.

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**Precautions for Safe Handling and Use:**

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

Ventilation: Exhaust fan recommended for dust control.

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

Eye protection: Chemical splash goggles recommended where dust 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

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