

Safety Data Sheet

Section 1. Identification

Product Name:

Roots Organics Coco – Fiber

Recommended for use as a growing media. Great for plants but do not breathe in, spill on, or feed to people or pets.

Company: Aurora Innovations post office box 22041 • Eugene, Oregon 97402
 Phone: 866 376 8578 (toll free); Emergency Phone: **1 (800) 424-9300**
www.aurorainnovations.com

Section 2. Hazard(s) identification

Components: Basic coir (coconut fiber) container gardening or hydroponic growing media, sold as a compressed, organic material.

| | CAS | OSHA PEL | | ACGIH TVL | |
|---------------|-----|----------------------|----------------------|----------------------|---------------------|
| | | Total | Respirable | Total | Respirable |
| Nuisance dust | | | | | |
| Non-hazardous | N/A | 15 mg/m ³ | 15 mg/m ³ | 10 mg/m ³ | 3 mg/m ³ |

Hazardous decomposition: None known.

Hazardous components: Product not classified hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200, Health Hazard. Classified under ACGIH as Nuisance Dust or Particulates Not Otherwise Classified.

Section 3. Composition

Chemical description: Basic coir (coconut fiber) container gardening or hydroponic growing media, sold as a compressed, organic material.

Section 4. First Aid Measures

Inhalation: Remove to fresh air if breathing difficult. Blow nose and drink water to clear nasal passages and throat.

Eyes: Will irritate on contact, wash out quickly to remove particulate matter. Contact a physician if irritation persists.

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

Skin: Wash with soap and water.

Signs/symptoms of exposure: Inhaling nuisance dust over long periods may cause congestion and irritation of the lungs and upper respiratory system; may overload lung clearance and make lungs vulnerable to respiratory disease. May aggravate medical conditions such as bronchitis, emphysema, asthma and upper respiratory and lung diseases.

Carcinogenicity: None known.

Section 5. Fire Fighting Measures and Explosion Information

| | |
|------------------------------------|--|
| Flash point | Not applicable |
| Flammable limits | May char or smolder if exposed to fire, may be induced to burn |
| Extinguishing media | Water, CO ₂ |
| Special fire fighting procedures | No special methods required |
| Special fire and explosion hazards | May emit corrosive fumes when charred by intense heating |

Section 6. Accidental Release Measures

If spilled, sweep or vacuum up spilled product, dispose as soil.. Avoid dust. Use eye protection and NIOSH approved respirator for nuisance dust. Dispose as soil. Decontamination is unnecessary. No environmental hazards.

Section 7. Handling and Storage

Respiratory protection: If dusting occurs, use NIOSH approved respirator for nuisance dust.

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.

Ventilation: Exhaust fan recommended for dust control.

Section 8. Exposure controls/personal protection

| | CAS | OSHA PEL | | ACGIH TVL | |
|--------------------------------|-----|----------|------------|-----------|------------|
| | | Total | Respirable | Total | Respirable |
| Nuisance dust Non-hazardous | N/A | 15 mg/m3 | 15 mg/m3 | 10 mg/m3 | 3 mg/m3 |

Respiratory protection: Use NIOSH approved respirator for nuisance dust where dust is expected.

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

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

Waste disposal method: Package material for removal to an approved landfill, or dispose of as soil.

Section 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|---|---|
| a) Appearance | Light to medium brown, coarse organic solid |
| b) Odor | Earthy |
| c) Odor Threshold | No data available |
| d) pH | 5.2 - 6.3 |
| e) Melting/freezing point | Decomposes >400 F |
| f) Initial Boiling Point | Not applicable |
| g) Flash Point | No data available |
| h) Evaporation Rate | No data available |
| i) Flammability | No data available |
| j) Upper/Lower Flammability or Explosive Limits | No data available |
| k) Vapor Pressure | No data available |
| l) Vapor Density | No data available |
| m) Relative density | No data available |
| n) Water Solubility | Insoluble |
| o) Partition coefficient: n- octanol/water | No data available |
| p) Auto-ignition Temperature | No data available |
| q) Decomposition Temperature | No data available |
| s) Explosive Properties | No data available |
| t) Oxidizing properties | No data available |

9.2 Other safety Information

No data available

Section 10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to Avoid

No data available

10.5 Incompatible Materials

Strong oxidizing agents

10.6 Hazardous Decomposition Products

No data available

Section 11. Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity

No data available

Inhalation: No data available

Dermal: No data available

Ingestion: No data available

Skin corrosion/irritation

No data available

Serious eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater or equal to 0.1% is identified as a probable, possible or confirmed carcinogen by IARC.

ACGIH: No component of this product present at levels greater or equal to 0.1% is identified as a probable, possible or confirmed carcinogen by ACGIH.

NTP: No component of this product present at levels greater or equal to 0.1% is identified as a probable, possible or confirmed carcinogen by NTP.

OSHA: No component of this product present at levels greater or equal to 0.1% is identified as a probable, possible or confirmed carcinogen by IARC.

Reproductive Toxicity

No data available

Specific Target Organ Toxicity-Single Exposure

No data available

Specific Target Organ Toxicity-Repeated Exposure

No data available

Aspiration Hazard

No data available

Other information

To the best of our knowledge, the chemical, physical, and toxicological properties of this product have not been thoroughly tested.

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Dispose of any unused product and packaging in accordance with all applicable local, state and federal regulations.

Section 14. Transport information**DOT**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15. Regulatory Information**SARA 302**

No chemicals in this product are subject to the reporting requirement of SARA Title III, section 302

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, 313

Section 16. Other Information

The information and data herein are believed to be accurate and have been compiled from sources believed to be current and reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risks of use, storage and handling of product in compliance with applicable federal, state and local laws and regulations.