

# Safety Data Sheet

## Section 1. Identification

Product Name:

## Roots Organics Coco – Chips

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/m3	15 mg/m3	10 mg/m3	3 mg/m3

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, CO2
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.

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## 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.

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## Section 8. Exposure controls/personal protection

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

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.

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## 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

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## 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
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## 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.

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## Section 12. Ecological Information

No data available

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**Section 13. Disposal Considerations**

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

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**Section 14. Transport information****DOT**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**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

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**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.