

# Safety Data Sheet

## Section 1. Identification

Product Name:

## Aurora Peat Products Peat Moss

Brand names: Aurora Peat Products Sphagnum Peat Moss; Aurora Peat Products Canadian Sphagnum Peat Moss

Handle with care. Do not breathe in, spill on, or feed to people or pets.

Company: Aurora Peat Products, ULC. 13704 170<sup>th</sup> Street NW • Edmonton, AB, Canada T5V1T2  
Phone: 1-780-447-1802 (toll free); **Emergency Phone: 1 (800) 424-9300**  
www.aurorapeat.com

## Section 2. Hazard(s) identification

Components may yield nuisance dust, also called "Particulates Not Otherwise Classified (PNOC) by ACGIH.

Nuisance dust	CAS	OSHA PEL		ACGIH TVL	
		Total	Respirable	Total	Respirable
Non-hazardous	N/A	15 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>

Hazardous decomposition Ammonia may form if product is strongly heated or oxidized

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

Partially decomposed vegetation 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. Keep open wounds covered and clean.

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

Auto Ignition Temperature	260° C
Flash point	Not applicable
Flammable limits	Not applicable
Extinguishing media	Water, CO <sub>2</sub>
Special fire fighting procedures	None. Caution, burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished. The thermal decomposition products are those commonly observed with natural products such as wood or other vegetable matter.
Special fire and explosion hazards	None

## Section 6. Accidental Release Measures

If spilled, sweep or vacuum. Avoid dust. Use eye protection and NIOSH approved respirator for nuisance dust. Dispose of 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: Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

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

Work practices: Use good housekeeping practices.

Ventilation: Local exhaust is advisable if excessive dust is created.

Incompatibility: Strong acids

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## Section 8. Exposure controls/personal protection

	CAS	OSHA PEL		ACGIH TVL	
		Total	Respirable	Total	Respirable
Nuisance dust Non-hazardous	N/A	10 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: Not normally necessary but suggested in cases of open wounds that are not protected

Eye protection: Protective eyewear should be worn where dust levels are high enough to cause irritation.

Waste disposal method: Package material to avoid dusting. Dispose of at 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	Brown, Fibrous
b) Odor	Earthy
c) Odor Threshold	No data available
d) pH	3.5-4.5
e) Melting/freezing point	Not applicable
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	60 – 95 g/l dry weight basis
n) Water Solubility	Insoluble
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition Temperature	260° C
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**  
Stable
- 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 acids
- 10.6 Hazardous Decomposition Products**  
Does not occur except during pyrolysis
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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

These materials are made from natural products and any contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, etc., should be observed. The information contained in this SDS is provided without warranty of any kind, express or implied. The information contained herein is made available solely for consideration, investigation, and verification by the original recipients hereof. Users should consider this information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.