

Safety Data Sheet

Section 1. Identification

Product Name:

Aurora Peat Products Procision Classic

Brand name: Aurora Peat Products Procision Advantage

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 Peat Products, ULC. 13704 170th 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.

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

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 (peat moss), aged bark, coir, perlite, dolomitic lime and calcitic lime.

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. Contact a physician if more than a mouthful is ingested.

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 ₂
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.

Section 7. Handling and Storage

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

Protective gloves/clothing: Protective gloves recommended. Neoprene rubber (CFR-21) or Nitrile (CFR-20) gloves.

Eye protection: Safety glasses or chemical splash goggles recommended, as dust can cause irritation.

Work practices: Use good housekeeping practices.

Ventilation: Local exhaust is advisable when dust is created.

Incompatibility: Strong acids

Section 8. Exposure controls/personal protection

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

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

Protective gloves/clothing: Protective gloves recommended. Neoprene rubber (CFR-21) or Nitrile (CFR-20) gloves.

Eye protection: Safety glasses or chemical splash goggles recommended, as dust can cause irritation.

Waste disposal method: Package material to avoid dusting. Dispose of at 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	Brown, Fibrous
b) Odor	Earthy
c) Odor Threshold	No data available
d) pH	4.5-5.5
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

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.

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

These products 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.