



## Safety Data Sheet

Date reviewed and issued: 12 Aug, 2024

MSDS #: 3

**Product Name: Black Peat**

**Section 1: Product and Company identification:**

**Recommended uses:** Mushroom casing

**Restrictions on uses:** None

**Manufacturer/ Supplier:**

Theriault & Hachey Peat Moss Ltd.  
201 Ch, Theriault-Hache  
Baie Sainte-Anne  
New Brunswick, E9A 1N7  
Canada

**For More information Call:**

(506)227-4530  
(506)228-4974 (fax)  
www.thpeat.com

**Section 2: Hazard identification:**

<b>Routes of entry:</b>	<b>Inhalation</b> Possible	<b>Skin</b> Open wounds	<b>Ingestion</b> Not applicable	<b>Eyes</b> Possible
-------------------------	-------------------------------	----------------------------	------------------------------------	-------------------------

Canadian Sphagnum peat moss is not listed in the OSHA list of Hazardous and Toxic Substances, but these products are classified as “Particulates Not Otherwise Regulated and classified by ACGIH as a “Nuisance Dust” or “Particulate Not Otherwise Classified (PNOC)”.

**Section 3: Composition, Information and Ingredients:**

Component	Ingredient	CAS #	Exposure Limits (mg/m3)			
			OSHA PEL		ACGIH TLV	
			Total	Respirable	Total	Respirable
PNOC	Sphagnum Peat Moss	-	15	5	3	10

**Section 4: Emergency and First Aid Measures:**

**Routes of Entry:** Inhalation, Open wounds and eyes

**Effects of Exposure:** Inhalation of dust may irritate nose, throat and lungs. Eye contact with solids may produce irritation, tearing / blinking as a foreign body in the eye. Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membranes and make lungs more vulnerable to respiratory disease. If inhaled, provide fresh air. If eye irritation occurs, flush with water.

**Description of Emergency and First Aid Procedures:**

Keep open wounds covered and clean as suggested by any good program of hygiene. Keep out of reach of children and pets.



Even though it is unlikely to happen, in case of persisting adverse effects consult a physician. Never give anything by mouth to an unconscious person, person having convulsions, or a person with cramps.

In case of inhalation:

Remove to fresh air. Prolonged exposure to dust may cause irritation to respiratory tract.

In case of skin contact:

Nonirritant, but if skin irritation occurs, get medical attention or advice.

In case of eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists contact a doctor.

In case of ingestion:

If able, rinse mouth and drink plenty of water. Do not induce vomiting. Call a Poison Control Center or doctor if feeling unwell.

Any immediate medical attention and special treatment needed: Treat symptomatically.

#### **Section 5: Fire Fighting Measures:**

**Flash point:** Not applicable

**Flammable Limits:** Peat products can burn under low moisture conditions. Once ignited by the presence of a heat source, it smolders and can burn undetected through the sublayers for long periods of time.

**Extinguishing Media:** Water, fog or spray

**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 vegetative matter.

**Unusual Fire and Explosion Hazards:** None

#### **Section 6: Accidental Release Measures:**

Use methods to clean spill which avoid creating airborne dust. Avoid breathing dust by using adequate ventilation and/ or NIOSH or MSHA approved respirator for nuisance dust of this type.

#### **Section 7: Handling and Storage:**

Avoid creating excessive dust during handling. Avoid breathing dust by using adequate ventilation and/ or NIOSH or MSHA approved respirator for nuisance dust of this type.

#### **Section 8: Exposure Control and Personal Protection Measures:**

**Respiratory Protection:** If dust is created, use NIOSH or MSHA approved respirator



201 Ch Theriault-Hache  
Baie Sainte-Anne, New Brunswick  
Canada E9A 1N7

- for nuisance dust of this type.
- Ventilation/ Engineering controls:** Use exhaust ventilation to keep airborne dust concentrations below exposure limits.
- Protective Gloves:** Not normally necessary but suggested in cases of open wounds that are not appropriately protected.
- Eye Protection:** Protective eyewear should be worn where dust levels are high enough to cause irritation.
- Other Protective Clothing or Equipment:** Normal work clothing.
- Work/ Hygienic Practices:** NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created. Open wounds should be kept clean and suitably protected.

#### **Section 9: Physical / Chemical Properties:**

<b>Physical state:</b>	Solid	<b>Boiling point:</b>	Not applicable
<b>Appearance:</b>	Wet fine fibrous matter	<b>Vapor pressure:</b>	Not applicable
<b>Color:</b>	Tan to brown, earthy color	<b>Solubility in water:</b>	Not applicable
<b>Odor:</b>	Earthy odor	<b>Flammable Solids:</b>	Flammable
<b>pH:</b>	5.3.5-6.5	<b>Evaporation rate:</b>	Not applicable
<b>Density:</b>	350-500 g/L	<b>Specific gravity:</b>	Not applicable

#### **Section 10: Stability and Reactivity:**

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	See label. Keep away from heat, if dry sparks and open flames.
<b>Incompatibility:</b>	None known
<b>Hazardous Decomposition or Byproducts:</b>	None
<b>Polymerization:</b>	Will not occur
<b>Incompatible Materials:</b>	None known
<b>Materials:</b>	Not known

#### **Section 11: Toxicological Information:**

##### **Acute Toxicity:**

- Eye:** Contact with eyes may cause irritation
- Skin:** May cause skin irritation in susceptible persons

##### **Chronic Toxicity:**

<b>Carcinogenic effects:</b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
	None	None	None

**Ingestion:** Health injuries are not known or expected under normal use. Oral toxicity: No LD<sub>50</sub> data available.

**Inhalation:** Health injuries are not known or expected under normal use.

**Section 12: Ecological Information:**

**Eco-toxicity effects:** No known effects  
**Persistence and degradability:** Inherently biodegradable  
**Bio-accumulative potential:** Not applicable  
**Mobility:** The product is insoluble and sinks in water  
**Aquatic toxicity:** Not applicable

**Section 13: Disposal Information:**

**Disposal:** The waste of these products are not defined as hazardous. Dispose of all waste accordance with federal and local regulations.  
**Hazardous waste Classification:** Not applicable

**Section 14: Transport Information:**

**TDG Classification:** Not regulated  
**DOT classification:** Ground/ Air Transport-NAFTA: Not regulated  
Water/ Air Transport- International: Not regulated

**Section 15: Regulatory Information:**

**WHMIS:** Not a controlled product  
**Canadian Environmental Protection Act (CEPA):** All constituents of these products are on the Domestic Substance List (DSL).  
**US Federal- SARA Title III Classification:**  
Section 311/312/Hazard Classes: Not applicable  
Section 313 Toxic chemicals: Not applicable  
Section 302 Extremely hazardous substances (EHS) / CERCLA Hazardous Substances: Not listed  
**Toxic Substances Control Act (TSCA):** All ingredients are either listed on the TSCA inventory or are exempt from listing.

**Section 16: Other information:**

**Supplemental Information:** These materials are made from natural products and many 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.

**Revision Date:** 20.04.2023

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 only as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of 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.