



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

Safety Data Sheet

Date reviewed and issued: July 10, 2018

MSDS #: 7

Product Names:

Peat Moss Products: Fine, Extra Fine, Medium, Coarse, Extra Coarse, Extra Coarse Chunky.

Growing mix Products: TH-1, TH-2, TH-6, P-15, P-10, Hydro mix, pH adjusted peat moss, Euro mix, TH-Organic.

Section 1: Product and Company identification:

Recommended uses: End-use Horticulture

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:

| | | | | |
|-------------------------|-------------------------------|----------------------------|------------------------------------|-------------------------|
| Routes of entry: | Inhalation Possible | Skin Open wounds | Ingestion Not applicable | Eyes Possible |
|-------------------------|-------------------------------|----------------------------|------------------------------------|-------------------------|

Canadian Sphagnum peat moss and or peat based products are not specially 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 |
| Nuisance Dust | Perlite Vermiculite | 93763-70-3 1318-00-9 | 15 | 5 | 5 | 10 |
| PNOC | Sphagnum Peat Moss | - | 15 | 5 | 3 | 10 |

May contain: Natural Sphagnum Peat moss, Natural aggregates such as Perlite, Vermiculite, Dolomitic limestone, Calcitic limestone, Inorganic or organic wetting agent, Inorganic or organic fertilizer, Bio fungicides and Mycorrhizae.

Section 4: Emergency and First Aid Measures:

Routes of Entry: Inhalation, Open wounds and eyes
Inhalation of dust may irritate nose, throat and lungs. Eye contact with solids



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Effects of Exposure: 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: Not applicable
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 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:

| | | | |
|------------------------|----------------------------|-----------------------------|----------------|
| Physical state: | Solid | Boiling point: | Not applicable |
| Appearance: | Fibrous, growing media | Vapor pressure: | Not applicable |
| Color: | Tan to brown, earthy color | Solubility in water: | Not applicable |
| Odor: | Earthy odor | Flammable Solids: | Flammable |
| pH: | 3.5-6.5 | Evaporation rate: | Not applicable |
| Density: | 80-190 g/L | Specific gravity: | Not applicable |

Section 10: Stability and Reactivity:

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

Section 11: Toxicological Information:

Acute Toxicity:

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



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Chronic Toxicity:

| | | | |
|------------------------------|------------|-------------|-------------|
| Carcinogenic effects: | NTP | IARC | OSHA |
| | None | None | None |

Ingestion: Health injuries are not known or expected under normal use. Oral toxicity: No LD₅₀ 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.



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&
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P E A T M O S S L T D .

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Revision Date: 10 July 2018- Revised according to the new SDS guide. Additional products listed.

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