

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION - Canadian Sphagnum Peat Moss**Product Names:****Address:****City:****Province/State:****Postal Code/Zip:****Emergency Phone Number:**

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**Component:**

Nuisance dust

Exposure Limits:

OSHA PEL

ACGIH TLV

Respirable mass 5 mg/cu.m.

5 mg/cu.m.

Total mass 15 mg/cu.m.

5 mg/cu.m.

Contains:Natural peat moss

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**Appearance and Odor:**

Brown, fibrous, earthy odor

Boiling Point:

Not applicable

Vapor Pressure:

Not applicable

Solubility in Water:

Not applicable

Specific Gravity:(H₂O=1): Bulk density of 0.15g/cc**Melting Point:**

Not applicable

Evaporation Rate:

Not applicable

PH

3.5 - 4.5

Specific Gravity:60 - 95 g/l dry weight basis

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

<u>Auto Ignition Temperature:</u>	260 °C
<u>Flash Point:</u>	Not applicable
<u>Flammable Limits:</u>	Not applicable
<u>Extinguishing Media:</u>	Standard fire-fighting agents
<u>Special Fire Fighting Procedures:</u>	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.
<u>Unusual Fire and Explosion Hazards:</u>	None

SECTION V. REACTIVITY DATA

<u>Stability:</u>	Stable
<u>Conditions to Avoid:</u>	None known
<u>Incompatibility:</u>	Strong acids
<u>Hazardous Decomposition or byproducts</u>	Does not occur except during pyrolysis. See section IV.
<u>Hazardous Polymerization:</u>	None known

SECTION VI. HEALTH HAZARD DATA

<u>Routes of Entry:</u>	Inhalation, open wounds, eyes
<u>Health Hazards:</u>	Nuisance dust, contains peat
<u>Carcinogenicity:</u>	None known
<u>Effects of Exposure:</u>	Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.
<u>Emergency and First Aid Procedures:</u>	If inhaled, provide fresh air. If eye irritation occurs, flush with water. Keep open wounds covered and clean as suggested by any good program of hygiene.

SECTION VII. Toxicological Properties

<u>Exposure Limit:</u>	TWA 10 mg/m ³
<u>Skin Contact:</u>	No known hazard
<u>Eye Contact:</u>	Dust particles may cause minor eye irritation:
<u>Inhalation:</u>	Dust particles may cause slight irritation with very high concentrations

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Use methods to clean spill which avoid creating airborne dust. Remove for disposal or incorporation into soils or garden.

Waste Disposal Method: According to EPA 40 CFR 261.3, waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be Taken in Handling and Storing: If excessive dust is created, avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type. Breathing dust may be harmful to your health.

Other Precautions: Protective eye wear should be worn where dust levels are high enough to cause irritation.

SECTION IX. CONTROL MEASURES

Respiratory Protection: If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

Ventilation: Local exhaust advisable if excessive dust is created.

Protective Gloves: Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

Eye Protection: Protective eye wear 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 X. SUPPLEMENTAL INFORMATION

These materials are made from natural products and may 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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