



## MATERIAL SAFETY DATA SHEET

### SECTION I. IDENTIFICATION

Product Names: **ASB SEED & PLUG MIX**  
Address: 200, Daigle Road  
City: Pointe-Sapin  
Province/State: NB  
Postal Code/Zip: E9A 1T6  
Emergency Phone Number: 1-506-876-3937

### SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Component: Nuisance dust  
Exposure Limits: OSHA PEL ACGIH TLV  
Respirable mass 5 mg/m<sup>3</sup> 5 mg/m<sup>3</sup>  
Total mass 15 mg/m<sup>3</sup> 5 mg/m<sup>3</sup>

Contains: Natural peat moss, vermiculite, perlite, wetting agent & fertilizer.

### SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: Brown, fibrous, white aggregate inclusion, earthy odor  
Boiling Point: Not applicable  
Vapor Pressure: Not applicable  
Solubility in Water: Not applicable  
Specific Gravity: (H<sub>2</sub>O=1): Bulk density of 0.15g/ml  
Melting Point: Not applicable  
Evaporation Rate: Not applicable  
PH 3.5 – 5.9  
Specific Gravity: 60 - 95 g/l dry weight basis

### SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Auto Ignition Temperature: 260 °C  
Flash Point: Not applicable  
Flammable Limits: Not applicable  
Extinguishing Media: Standard fire-fighting agents

***Special Fire Fighting Procedures:*** Caution is advised as burning may continue inside bags or piles after the 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. **Unusual Fire and Explosion Hazards: None**

### SECTION V. REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: None known.

Incompatibility: Strong acids.

Hazardous Decomposition or byproducts will not occur except during pyrolysis.  
(See section IV.)

Hazardous Polymerization: None known.

## **SECTION VI. HEALTH HAZARD DATA**

**Carcinogenetic: Not known.**

**Routes of Entry:** Inhalation, open wounds, eyes.

**Health Hazards:** Nuisance dust, contains peat. May contain mold spores and hyphae. Individuals sensitive to mold should take precautions to avoid personal exposure.

**Effects of Exposure:** 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.

**Emergency and First Aid Procedures:** 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**

*Exposure Limit: TWA 10 mg/m<sup>3</sup>*

*Skin Contact: No known hazard*

*Eye Contact: Dust particles may cause minor eye irritation*

*Inhalation: Dust particles may cause slight irritation with very high concentrations.*

## **SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE**

**If 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, Provincial, Territorial and local regulations.**

**Precautions to be taken in handling and storing:** If excessive dust is created, avoid breathing dust by using adequate ventilation and 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**

This product is made from natural materials and may contain naturally occurring microorganisms.

Precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. 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 MSDS 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 commonly available information.

Users should make independent determinations of the suitability and completeness of information about this product 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 product hazard information, to design and update their own programs, and to comply with all applicable national, federal, state, provincial, territorial and local laws and regulations regarding safety, occupational health, employee's "right to know", and environmental protection.

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