

# SAFETY DATA SHEET

Ferti-lome Perlite  
Revision date : 07/02/2020



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## Section 1. IDENTIFICATION

Product name : Ferti-lome Perlite  
Product code : LP6649809955

### Supplier's details

Company name of supplier : Tourbières Lambert Inc.  
Address : 106 chemin Lambert  
RIVIÈRE-OUELLE, QC, CANADA  
G0L 2C0  
Telephone : 418-852-2885  
E-mail address : info@lambertpeatmoss.com

### Recommended use of the chemical and restrictions on use

Recommended use : Horticultural use

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## Section 2. HAZARDS IDENTIFICATION

GHS RPD classification: Not classified as a dangerous material (nuisance of dust)  
Hazards not elsewhere classified: No  
Label elements: No label required

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## Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	%	EINECS
Perlite, expanded	93763-70-3	100	Not assigned

Perlite is an amorphous siliceous ore of variable composition.  
Chemically inert, this material does not constitute a health risk and is non-combustible.

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## Section 4. FIRST AID MEASURES

**EYES** : Flush the eye thoroughly with water or with a saline solution. Consult a doctor if irritation persists.

**SKIN** : Wash hands. Use a moisturizing lotion, if necessary

**ORAL INGESTION** : Drink water. Perlite is non-toxic.

**INHALATION** : Move to fresh air. Blow your nose to get rid of the dust.

**MOST IMPORTANT SYMPTOMS AND EFFECTS (BOTH ACUTE AND DELAYED)** : Dust may cause eye irritation. Dust may cause irritation of the nose, throat and respiratory tract. Prolonged exposure to dust can have an effect on the lungs. May cause drying of the skin.

**IMMEDIATE MEDICAL CARE OR SPECIAL TREATMENT, IF APPLICABLE** : Immediate medical care is not normally required. If eye irritation persists, consult a healthcare practitioner.




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**Section 5. FIRE-FIGHTING MEASURES**

<b>SUITABLE EXTINGUISHING MEDIA</b>	:	Does not apply, No combustible material
<b>SPECIFIC EXTINGUISHING METHODS</b>	:	Does not apply, No combustible material
<b>INDIVIDUAL PROTECTION MEASURE</b>	:	Does not apply, No combustible material

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**Section 6. ACCIDENTAL RELEASE MEASURES**

<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b>	:	If dust is present, use a respirator with a particulate filter as specified in section 8. Wearing safety glasses is suggested.
<b>ENVIRONMENTAL PRECAUTIONS</b>	:	This product is not a significant environmental concern.
<b>METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP</b>	:	Vacuum, wet sweep or wash. Avoid creating dust. Place in a container for use and disposal.

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**Section 7. HANDLING AND STORAGE**

<b>HANDLING SAFETY PRECAUTIONS</b>	:	Minimize generation of dust. Avoid contact with eyes. Avoid breathing dust. Repair or dispose of broken bags. Follow all label directions and precautions.
<b>STORAGE SECURITY REQUIREMENTS</b>	:	Do not store near hydrofluoric acid or strong basic solutions

**Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Composant	CNESST	ACGIH VLEP	MSHA LEA	NIOSH LER
Perlite, expanded	5 mg / m <sup>3</sup> (Breathable Mass) 10 mg / m <sup>3</sup> (Total Mass)	None	30 mppcf	5 mg / m <sup>3</sup> (Breathable Mass) 10 mg / m <sup>3</sup> (Total Mass)

<b>APPROPRIATE ENGINEERING CONTROLS</b>	:	Minimize generation of dust. Avoid contact with eyes. Avoid breathing dust. Repair or dispose of broken bags. Follow all label directions and precautions.
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## PERSONAL PROTECTIVE EQUIPMENT

- EYE PROTECTION** : Wearing safety glasses is suggested
- SKIN AND BODY PROTECTION** : No specific equipment is necessary
- RESPIRATORY PROTECTION** : The use of a respirator fitted with a particle filter, of the NIOSH type, is suggested; and the wearing of safety glasses and guys is also suggested.
- GENERAL HYGIENE** : Avoid breathing dust. Avoid contact with eyes. Wash hands after muntention and before eating or drinking.
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## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance, color : Powder or granules, white to white bone
- Physical state : Solid
- Odor : No odor
- Odor threshold : Not applicable
- Initial boiling point and boiling range : Not applicable
- Flammability : Not applicable
- Fusion point : > 800°C
- Auto-ignition temperature : Not applicable
- Density : 2,3
- Relative density : <10 lbs / cu.ft.
- Vapor density : Not applicable
- Vapor pressure : Not applicable
- Evaporation rate : Not applicable
- Flash point : Not applicable
- Flammability limits : Not applicable
- Ph (10% suspension) : 7
- Decomposition time : > 800°C
- Solubility : <1 %
- Partition coefficient : Not applicable
- Octanol / water : Not applicable
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## Section 10. STABILITY AND REACTIVITY

- Chemical stability : Stable under normal use conditions
- Reactivity : No data available

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Incompatible material	:	Hydrofluoric acid
Hazardous decomposition products	:	The reaction to hydrofluoric acid will be the formation of toxic silicon tetrafluoride
Dangerous polymerization	:	None

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## Section 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

LD50/LC50/LCLO (oral, dermal, inhalation)	:	None established
SYMPTOMS	:	Inhalation of concentrated dust may cause minor physical irritation to the respiratory system causing coughing or sneezing.

<b>DELAYED, IMMEDIATE AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE</b>	:	None
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<b>MUTAGENIC EFFECTS</b>	:	None
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<b>CARCINOGENIC EFFECTS</b>	:	None
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<b>REPRODUCTIVE TOXICITY</b> (reproductive, development, tetragene)	:	None
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<b>SPECIFIC TARGET ORGAN TOXICITY</b> (mild or prolonged exposure)	:	None
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## Section 12. ECOLOGICAL INFORMATION

Perlite is a natural mineral and has no ecological toxicity or harmful effects on the environment

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## Section 13. DISPOSAL CONSIDERATIONS

Perlite, by itself, is not a hazardous material and should be disposed of in accordance with local, provincial and federal laws and regulations.

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## Section 14. TRANSPORT INFORMATION

PROPER NAME	Expanded perlite
MDT/DOT	Not regulated
TMD/IMO/ICAO	Not regulated

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## Section 15. REGULATORY INFORMATION

OSHA: Perlite IS NOT considered as a hazardous material or toxic  
SIMDUT : Not applicable  
SERA Not listed  
TSCA Not specified

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## Section 16. OTHER INFORMATION

**Revision date:** July 8<sup>th</sup>, 2020

### Supplement information

The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and LAMBERT PEAT MOSS Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use.