

MATERIAL SAFETY DATA SHEET

PRODUCT: PERLITE

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: Not Applicable

Product Code: 1800530

Chemical Family

Product Use: Soil Amendment

TDG Classification: Not Regulated

WHMIS Classification: Not WHMIS Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #		TLV - TWA
Quartz (Crystalline Silica)	1.0	14808-60-7		0.1 mg/m3 as respirable dust

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Bulk Density: 4 - 9 (lbs/cu. ft)

Boiling Point: Not Applicable

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Not Applicable

Appearance\Odour: White free flowing aggregate.

pH: Not Applicable

Freezing/Melting Point: Not Applicable

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: Not Applicable

Fire Extinguishing Media: None

Fire Fighting Procedures: None

Other Fire or Explosion Hazards: None

Autoignition Temperature: Not Applicable

Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Not Available.

Incompatibility (Materials to Avoid): Not Available.

Hazardous Decomposition Products: Not Available.

Hazardous Polymerization: Will Not Occur

PERLITE

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Excessive product dust can be irritating to the nose throat and respiratory tract. May cause coughing, sneezing and shortness of breath. Dust may cause redness and irritation in the eyes.

Effects of Chronic Exposure: Excessive dust can aggravate chronic respiratory conditions such as asthma or bronchitis. This product may contain quartz. Quartz is a naturally occurring mineral that is commonly contained in materials that are mined from the earth's surface such as sand, limestone, clay and gypsum. Quartz is represented by the combined fractions of non-respirable sized particles and of respirable sized particles (less than ten microns in aerodynamic diameter). Respirable sized quartz has been tied to the more serious health effects of silicosis.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water. If irritation occurs seek medical attention.

Ingestion: Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Do not induce vomiting unless directed to by a poison control centre or medical physician. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus, rinse mouth and administer more water. OBTAIN MEDICAL ADVICE. Never induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: Not required under normal conditions.

Eye Protection: Not required under normal conditions.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: None required.

Engineering Controls: None required.

Storage Requirements: Store in cool, dry area away from children.

Storage Temperature: Min: 0 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill and transfer into waste container. Clean area with broom. Re-use material. Avoid creating excessive dusts.

Waste Disposal: Dispose of empty container in household garbage. Dispose of spilt product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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