

SAFETY DATA SHEET

SECTION 1 Company Product and Identification

Trade Name: Persolite Products, Inc. Perlite All grades

CAS# 93763-70-3

Chemical Name: Sodium Potassium Aluminum Silicate

Product uses include: Horticultural, Industrial, Construction, Insulation

Name and Address: Persolite Products, Inc.

201 S. Robinson Street

Florence, Colorado 81226

Telephone and Fax Numbers (719) 784-6531 (719) 784-4855

Date completed: January 2018

SDS Completed by: Persolite Products

SECTION 2 Hazard Identification

Skin Contact: May cause irritation.

Skin absorption: N/A

Eye contact: May irritate. Possible injury.

Inhalation: Irritation, coughing and sneezing. Considered a nuisance dust, May aggravate pre-existing conditions. Long term exposure, see Section 11. WHMIS symbol (D2B)

Ingestion: LD 50 not established.

Precautions: Eye and respiratory cautions may be taken; wearing safety glasses and dust mask.

SECTION 3 Product Ingredients

CAS # 937-70-3 Quartz < 0.1%

ACGIH TLV 0.025 mg/m³ respirable

NIOSH 0.05 mg/m³ respirable

OSHA PEL 0.1 mg/m³ respirable

LD 50: N/A

LC 50: N/A

SECTION 4 First Aid

Skin: possible irritation, wash with soap and water.

Eyes: Wash eyes thoroughly with clean water or eye wash.

Respiratory: Remove to fresh air. If breathing problem persists seek medical attention.

Ingestion: Do not ingest, may cause irritation.

SECTION 5 Fire

Non-flammable

Extinguishing: Use appropriate method for surrounding material.

Hazardous combustion, Explosion Data, Auto Ignition Temperature, Upper and Lower Flammable Limit, Flashpoint. ALL N/A.

NFPA: health 0. Flammability 0, reactivity 0, other, none.

HMIS Ratings Health (see SDS). Flammability 0, reactivity 0, personal protection E.

SECTION 6 Spill Measures

Routine cleaning procedures. Avoid creating excess dust. Wetting spilled material will suppress dust.

SECTION 7 Storage and Handling

Store away from products that may be affected by dust.

SECTION 8 Exposure Control/Personal Protection

Exposure Limits ACGIH TLV: 10 mg/m³ total dust.

3 mg/m³ respirable dust

OSHA PEL: 15 mg/m³ total dust

5 mg/m³ respirable dust

Engineering general housekeeping rules apply.

Provide adequate ventilation.

Personal protective equipment.

Respirator, NIOSH or OSHA approved. Eye protection recommended.

SECTION 9 Physical and Chemical Properties

Physical state: Powder or granules

Odor and appearance: white to off-white, no odor

Odor threshold not available

Specific gravity 2.35

Vapor density N/A

Evaporation rate N/A

Vapor pressure N/A

Boiling, freezing point N/A

PH 6.5-7.5 in a 10% solution

Coefficient of water/oil distribution N/A

Solubility in water negligible.

Visual detection method only.

SECTION 10 Stability and Reactivity

Chemically stable, yes.

Incompatible materials Hydrofluoric acid.

Reactivity hydrofluoric acid in contact will create toxic silicon tetrafluoride gas.

SECTION 11 Toxicological Information

Acute exposure slight irritant to skin, eyes and inhalation.

Chronic exposure potential irritant to skin or upper respiratory. May aggravate pre-existing condition.

Long term inhalation of respirable crystalline silica may cause disabling lung disease including silicosis.

Carcinogenicity very low risk as products contain 0.1% crystalline silica and low percentages of particles of respirable size.

IARC not reviewed.

ACGHHI PNOS Particulates not otherwise specified. Not carcinogenic.

Reproductive toxicity not available.

Teratogenicity not established.

Embryo toxicity N/A.

Mutagenicity Ames: N/A.

SECTION 12 Ecological Information

Material is generally considered non-hazardous in the environment as a naturally occurring mined and processed inorganic material.

SECTION 13 Disposal Considerations

Dispose of this product according to law.

SECTION 14 Transport Information

DOT No special requirements.

IMO and ICAO Non-hazardous

SECTION 15 Regulatory Information

WHMIS Classification: DB2 Toxic

OSHA: Label as required by Hazard Communication Standard 29 CFR 1910.1200 (f) according to state and local laws and regulations.

TSCA: Included as a naturally occurring material.

Canada DSL: Included or exempt

Europe: Exempt from REACH as a naturally occurring mineral, not chemically modified. Status confirmed in Annex V Guidance document version 1.1, November 2012.

SECTION 16 Other Information

This product has been classified in accordance with the hazard criteria of the (CPR) and the SDS contains all the information required by CPR.

Information provided in this document is believed to be accurate as of June 2013 and may be subject to change without notice. This information is provided in good faith, however, no warranty is implied. It is the responsibility of the user to comply with all laws and regulations.