

## MSDS SHEET

### 1. Identification of Substance/Preparation & Company

**PRODUCT NAME:** Zeolite Clay Powder

**Botanical Name/INCI** Clinoptilolite

**PRODUCT USE:** Cosmetic/Industrial

**Origin:** Hampshire

**SUPPLIER:** Botanic Planet Canada Inc. 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

**CAS Number:** 1318-02-1

**Phone / Fax:** 905-455-4444 / 905-455-8841

**Product Form:** Powder

**Emergency Tel No:** (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### 2. Hazards Identification

**Physical and Chemical Hazards** Not classified.

**Human health** Not classified.

**Environment** Not classified.

**Classification (67/548/EEC)** Not classified.

### 3. Composition / Information on Ingredients

Chemical name	CAS No	Weight
Zeolite	1318-02-1	100%

### 4. First-Aid Measures

**INHALATION:** Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

**EYE CONTACT:** Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

**SKIN CONTACT:** Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

**INGESTION:** Rinse out mouth with water. Seek medical advice immediately.

**OTHER:** When assessing action take Risk & Safety Phrases into account (Section 15).

### 5. Fire Fighting Measures

**EXTINGUISHING MEDIA:** Use CO<sup>2</sup>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

**SPECIAL MEASURES:** Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

**EXTINGUISHING PROCEDURES:** Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS:** Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (Safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

**ENVIRONMENT PRECAUTIONS:** Keep away from drains, soils, surface & ground waters. **CLEAN UP METHODS** Remove all potential ignition sources. Contain spilled material. Cover with an inert or **FOR**

**SPILLAGES:** non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe municipal, federal and local disposal regulations.

## 7. Handling & Storage

**PRECAUTIONS IN HANDLING:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. Do not eat, drink or smoke whilst handling.

**STORAGE CONDITIONS:** Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

**FIRE PROTECTION:** Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. Exposure Controls/Personal Protection

**RESPIRATORY PROTECTION:** Avoid breathing product vapour. Apply local ventilation where possible.

**VENTILATION:** Ensure good ventilation of working area.

**HAND PROTECTION:** Avoid all skin contact. Use chemically resistant gloves if required.

**EYE PROTECTION:** Use safety glasses.

**WORK / HYGIENE PRACTICES:** Wash hands with soap & water after handling.

## 9. Physical & Chemical Properties

**Appearance:** Powder

**Color:** White

**Odor:** Odorless

**Odor threshold:** No information available

## 10. Stability & Reactivity

**REACTIVITY:** It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

**DECOMPOSITION:** Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

## 11. Toxicological Information

May be irritation to skin.

## 12. Ecological Information

**BIODEGRADABILITY:** Data not available

**PRECAUTIONS:** Prevent surface contamination of soil, ground & surface water.

## 13. Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## 14. Transport Regulations

ROAD (ADR/RID): n/a  
AIR (IATA/ICAO): n/a  
SEA (IMDG): n/a  
CHIP: See section 15

## 15. Regulatory Information According to Directive 88/379/EEC

HAZARDS: n/a  
SYMBOLS: n/a  
RISK PHRASES: n/a  
SAFETY PHRASES: n/a

## 16. Other Information



**For longer shelflife keep it away from heat, moisture and direct light**

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## Certificate of Analysis

**Name:** Zeolite Clay Powder  
**INCI:** Clinoptilolite  
**Cas No.** 1318-02-1  
**Country of Origin:** Hampshire  
**Lot No:** BPCZCP102022  
**Expiry:** December 2026

**Appearance:** White Powder Complies  
**pH:** 6.0 – 9.0

**Solubility:** Soluble in Water. Complies

**Mineralogical Analysis**

**Clinoptilolite:** 88 – 100%

**Other Zeolite:** 0 – 5%

**Cristobalite:** 0 – 5%

**Tridymite:** 0 – 5%

**Chemical Composition**

SiO<sup>2</sup> 65.83% As <0.2ppm

Al<sup>2</sup>O<sup>3</sup> 10.96% Cd <0.02ppm

CaO 3.11% Pb <16.8ppm

K<sup>2</sup>O 2.17% Hg <0.01ppm

MgO 0.95%

FeO<sup>3</sup> 0.6%

Na<sup>2</sup>O 0.23%

MnO <0.01%

TiO 0.05%

LOI 15.2%

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