

## MSDS SHEET

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

**PRODUCT NAME:** Watermelon Seed Oil Virgin

**Botanical Name/INCI** Citrullus vulgaris

**PRODUCT USE:** Food/Cosmetic/Industrial

**Origin:** India

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

**CAS Number:** 8022-07-9 / 84082-83-7/8001-25-0

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

**Product Form:** Powder

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

### 2. Hazards Identification

**GHS Classification**

Not classified as dangerous goods.

**GHS Label elements, including precautionary statements**

Signal: Not applicable

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

Not applicable

### 3. Composition / Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Citrullus vulgaris Seed Oil	90244-99-8	290-802-9	100%

### 4. First-Aid Measure

**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:** Pale yellow to golden colored liquid.

**Odor:** Characteristic neutral odour.

**Flash point:** > 482.0 °F (> 250.0 °C) Closed Cup

**Refractive Index:** 1.470 - 1.480 @ 20°C

**Relative density:** 0.900 - 0.950 @ 20°C

**Solubility in water:** Insoluble.

## 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

**Shelf life of this product depends very much on storage conditions, particularly moisture, temperature, exposure to light and air.**

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## CERTIFICATE OF ANALYSIS

**Product Name:** Watermelon Seed Oil Virgin

**INCI:** Citrullus vulgaris

**Lot No.** BPCWSOV052023

**Expiry:** May 2026

**Origin:** India

Properties	Specifications	Results
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**Appearance:** Pale yellow to golden colored liquid CONFORMS

**Odour:** Characteristic neutral odour CONFORMS

**Refractive Index:** 1.470 - 1.480 @ 20°C 1.475

**Specific Gravity:** (g/mL) 0.900 - 0.950 @ 20°C 0.927

**Saponification Value**

(mgKOH/g) 188 - 198 193

**Peroxide Value** (meq O<sub>2</sub>/kg) Less than 5.0 CONFORMS

**Iodine Value** (g I<sub>2</sub>/100g) 120 - 135 125

**Acid Value** (mgKOH/g) Less than 2.0 CONFORMS

**Solubility:** Soluble in cosmetic esters and fixed oils; Insoluble in water CONFORMS

Palmitic Acid C16:0 8.00 – 13.00

Palmitoleic Acid C16:1 (n-7) Maximum 1.00

Stearic Acid C18:0 1.50 – 5.50

Oleic Acid C18:1 (n-9) 21.00 – 32.00

Linoleic Acid C18:2 (n-6) 55.00 – 65.00

Alpha-Linolenic Acid C18:3 (n-3) Maximum 1.00

For longer shelf life keep it away from direct light, heat and moisture

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