

MSDS SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: Strawberry Seed Oil Virgin

BOTANICAL NAME/INCI: Fragaria Ananassa Oil

PRODUCT USE: Food/Cosmetic/Industrial

ORIGIN: USA

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

CAS Number: 90131-36-5

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

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

2. Hazards Identification

GHS Classification

Flammable Liquid - Category 3

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

None

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking

3. Composition / Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Fragaria Ananassa Oil	90131-36-5	290-347-6	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 CO², 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: Yellow to amber green hue colored liquid Complies

Odour: Characteristic mild odour Complies

Refractive Index: 1.475 - 1.485 @ 20°C 1.478

Specific Gravity: (g/mL) 0.910 - 0.930 @ 20°C 0.921

Saponification Value: (mgKOH/g) 180 - 200 190

Unsaponifiable Matter: (%) Maximum 1.5 Complies

Peroxide Value: (meq O₂/kg) Less than 15.0 Complies

Iodine Value: (g I₂/100g) 165 - 195 175

Free Fatty Acids: (% oleic) Less than 1.0 Complies

Acid Value: (mgKOH/g) Less than 2.0 Complies

Solubility: Soluble in cosmetic esters & oils; Insoluble in water Complies

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

The logo for Botanic Planet Canada Inc. (BPC) features the letters 'BPC' in a large, bold, serif font. Below the letters is a stylized green leaf or plant motif.

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

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Email: info@botanicplanet.ca www.botanicplanet.ca

CERTIFICATE OF ANALYSIS

Product Name: Strawberry Seed Oil Virgin

INCI: Fragaria Ananassa

Lot No. BPCSSOV052023

Expiry: May 2026

Origin: USA

Properties	Specifications	Results
Appearance:	Yellow to amber green hue colored liquid	Complies
Odour:	Characteristic mild odour	Complies
Refractive Index:	1.475 - 1.485 @ 20°C	1.478
Specific Gravity: (g/mL)	0.910 - 0.930 @ 20°C	0.921
Saponification Value: (mgKOH/g)	180 - 200	190
Unsaponifiable Matter: (%)	Maximum 1.5	Complies
Peroxide Value: (meq O ₂ /kg)	Less than 15.0	Complies
Iodine Value: (g I ₂ /100g)	165 - 195	175
Free Fatty Acids: (% oleic)	Less than 1.0	Complies
Acid Value: (mgKOH/g)	Less than 2.0	Complies
Solubility:	Soluble in cosmetic esters & oils; Insoluble in water	Complies
	Palmitic Acid C16:0	2.00 – 6.00
	Palmitoleic Acid C16:1 (n-7)	Maximum 0.50
	Stearic Acid C18:0	1.00 – 2.50
	Oleic Acid C18:1 (n-9)	8.00 – 16.00
	Linoleic Acid C18:2 (n-6)	44.00 – 55.00
	Alpha-Linolenic Acid C18:3 (n-3)	28.00 – 38.00

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

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