

SAFETY DATA SHEET

Cocoa Bean Fragrance Oil

In accordance with UN GHS latest edition

SECTION 1. Identification of the substance or mixture and of the supplier

Product identifier	Cocoa Bean Fragrance Oil
Product use	Fragrance
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Court, Unit #3-4, Brampton, Ontario L6W 3R6, Canada
Telephone	905-455-4444
Email	info@botanicplanet.ca
Website	www.botanicplanet.ca
Emergency information	Contact the appropriate local emergency service or poison centre.

SECTION 2. Hazards identification

Classification: Acute Toxicity - Oral Category 5; Skin Corrosion/Irritation Category 2; Eye Damage/Irritation Category 2; Skin Sensitization Category 1; Reproductive Toxicity Category 2; Hazardous to the Aquatic Environment - Acute Category 1 and Long-term Category 1.

Signal word: WARNING

Hazard statements: H303 May be harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child (exposure route). H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements: P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing vapour or dust. P264 Wash hands and contacted skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P391 Collect spillage. P405 Store locked up. P501 Dispose of contents/container at an approved disposal site in accordance with local regulations.

Other hazards: Hydrocarbon concentration 0.0000%. The source SDS states the substance does not meet PBT or vPvB criteria.

SECTION 3. Composition / information on ingredients

Name	CAS	%	GHS Classification
Benzyl benzoate	120-51-4	20-<50%	Acute Tox. 4; Aquatic Acute 1; Aquatic Chronic 2
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	10-<20%	Skin Irrit. 2; Skin Sens. 1B; Aquatic Acute 2; Aquatic Chronic 1
alpha-Hexylcinnamaldehyde	101-86-0	10-<20%	Acute Tox. 5; Skin Irrit. 3; Skin Sens. 1B; Aquatic Acute 1; Aquatic Chronic 2
Ethyl vanillin	121-32-4	10-<20%	Eye Irrit. 2B; Aquatic Acute 3
1,3,4,6,7,8-Hexahydro-4,6,6,7,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	5-<10%	Skin Irrit. 3; Aquatic Acute 1; Aquatic Chronic 1
Linalool	78-70-6	5-<10%	Flam. Liq. 4; Acute Tox. 5; Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1B; Aquatic Acute 3
Piperonal	120-57-0	1-<5%	Acute Tox. 5; Skin Sens. 1B; Repr. 2; Aquatic Acute 2
Benzyl acetate	140-11-4	1-<5%	Acute Tox. 5; Aquatic Acute 2; Aquatic Chronic 3
Linalyl acetate	115-95-7	1-<5%	Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2B; Skin Sens. 1B; Aquatic Acute 3
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4; Aquatic Acute 2
gamma-Nonalactone	104-61-0	1-<5%	Aquatic Acute 3
p-Isobutyl-alpha-methyl hydrocinnamaldehyde	6658-48-6	1-<5%	Flam. Liq. 4; Skin Irrit. 2; Skin Sens. 1B; Aquatic Acute 2
Butylated hydroxytoluene	128-37-0	1-<5%	Aquatic Acute 1; Aquatic Chronic 1
alpha-iso-Methylionone	127-51-5	0.1-<1%	Skin Irrit. 2; Eye Irrit. 2B; Skin Sens. 1B; Aquatic Acute 2; Aquatic Chronic 2
alpha-Cedrene	469-61-4	0.1-<1%	Skin Irrit. 2; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1
Allyl cyclohexanepropionate	2705-87-5	0.1-<1%	Acute Tox. 4; Skin Sens. 1; Aquatic Acute 1; Aquatic Chronic 2
dl-Citronellol	106-22-9	0.1-<1%	Acute Tox. 5; Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1B; Aquatic Acute 2
3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-	3407-42-9	0.1-<1%	Repr. 2; Aquatic Acute 1; Aquatic Chronic

y)cyclohexan-1-ol			2
p-Methoxybenzaldehyde	123-11-5	0.1-<1%	Acute Tox. 5; Repr. 2; Aquatic Acute 3; Aquatic Chronic 3
p-tert-Butyldihydrocinnamaldehyde	18127-01-0	0.1-<1%	Flam. Liq. 4; Acute Tox. 5; Skin Irrit. 2; Skin Sens. 1B; Repr. 2; STOT RE 2; Aquatic Acute 2; Aquatic Chronic 3
4-Methyl-3-decen-5-ol	81782-77-6	0.1-<1%	Flam. Liq. 4; Aquatic Acute 1; Aquatic Chronic 2
beta-Cedrene	546-28-1	0.1-<1%	Skin Irrit. 2; Aquatic Acute 1; Aquatic Chronic 1
Citral	5392-40-5	0.1-<1%	Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; Aquatic Acute 2
Allyl heptanoate	142-19-8	0.1-<1%	Flam. Liq. 4; Acute Tox. 3; Aquatic Acute 1; Aquatic Chronic 2
6,6-Dimethoxy-2,5,5-trimethylhex-2-ene	67674-46-8	0.1-<1%	Flam. Liq. 4; Skin Irrit. 2; Aquatic Acute 3; Aquatic Chronic 3
2,6-Dimethyl-5-heptenal	106-72-9	0.1-<1%	Flam. Liq. 4; Skin Sens. 1B; Aquatic Acute 2
Acetyl cedrene	32388-55-9	0.1-<1%	Acute Tox. 5; Skin Sens. 1B; Aquatic Acute 1; Aquatic Chronic 1
Methyl 2-nonynoate	111-80-8	<0.1%	Acute Tox. 4/5; Skin Irrit. 2; Skin Sens. 1A; Aquatic Acute 1; Aquatic Chronic 3

SECTION 4. First-aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms/effects: May be harmful if swallowed; causes skin and serious eye irritation; may cause allergic skin reaction; suspected of damaging fertility or the unborn child.

SECTION 5. Firefighting measures

Suitable extinguishing media: Carbon dioxide, dry chemical, foam. In case of fire, carbon monoxide and unidentified organic compounds may be liberated. In insufficient ventilation, wear suitable respiratory equipment.

SECTION 6. Accidental release measures

Avoid inhalation and contact with skin and eyes. Keep away from drains, surface water, ground water and soil. Remove ignition sources and provide adequate ventilation. Contain spillage immediately using sand or inert powder and dispose of according to local regulations.

SECTION 7. Handling and storage

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use personal protective equipment as required and adequate ventilation. Do not eat, drink or smoke when using this product. Store in a well-ventilated place with container tightly closed and kept cool. Ground/bond container and receiving equipment; use explosion-proof equipment and non-sparking tools; take precautions against static discharge.

SECTION 8. Exposure controls / personal protection

Workplace exposure limits: Not applicable. Wear protective gloves, eye protection and face protection. Under normal use with adequate ventilation, special engineering controls are generally not required. For high/prolonged use or elevated temperature, increase local exhaust ventilation; use an appropriately fitted respirator with organic vapour cartridge/canisters and particulate filters; or use closed transfer/processing systems.

SECTION 9. Physical and chemical properties

Appearance	Free flowing liquid without sediment
Odour	Characteristic
Odour threshold	Not determined
Melting/freezing point	Not determined
Boiling point/range	Not determined
Flammability	Not determined
Explosion limits	Not determined
Flash point	> 93 °C (> 200 °F)
Auto-ignition temperature	Not determined
Decomposition temperature	Not relevant
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Not determined
Vapour pressure	Not determined
Relative vapour density	Not determined
Particle characteristics	Not determined
Calculated VOC	9.44

SECTION 10. Stability and reactivity

Reactivity: No significant reactivity hazard by itself or in contact with water. Chemical stability: Good under normal storage conditions.
Hazardous reactions: Not expected under normal use. Conditions to avoid: Extreme heat. Incompatible materials: Strong acids, alkalis and oxidising agents. Hazardous decomposition products: Not expected.

SECTION 11. Toxicological information

The mixture has not been tested as a whole for health effects; the source SDS states health effects were calculated using UN GHS methods. Acute toxicity: Oral Category 5; oral value 3093; dermal >5000; inhalation not available. Skin irritation Category 2; eye irritation Category 2; skin sensitization Category 1; reproductive toxicity Category 2. Available data do not meet classification criteria for germ cell mutagenicity, carcinogenicity, STOT single exposure, STOT repeated exposure or aspiration hazard.

SECTION 12. Ecological information

Very toxic to aquatic life with long lasting effects. Persistence/degradability, bioaccumulative potential, mobility in soil and other adverse effects: Not available.

SECTION 13. Disposal considerations

Dispose of in accordance with local regulations. Avoid disposal into drainage systems or the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. Transport information

Mode	UN No.	Proper Shipping Name	Class	Packing Group
UN Model	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (54464-57-2 substance, alpha-Cedrene)	9	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (54464-57-2 substance, alpha-Cedrene) - MARINE POLLUTANT	9	III
ADR/RID/ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (54464-57-2 substance, alpha-Cedrene)	9	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (54464-57-2 substance, alpha-Cedrene)	9	III

Environmental hazards: Classified as environmentally hazardous under UN Model Regulations and as a Marine Pollutant under IMDG. Special precautions: None additional. Transport in bulk under MARPOL/IBC: Not applicable.

SECTION 15. Regulatory information

Essential oil component: Cedarwood oil, Virginian (CAS 85085-41-2 / 8000-27-9), 1-<5%. Components listed in the source SDS under California SB312: Benzyl benzoate 20-<50%; alpha-Hexylcinnamaldehyde 10-<20%; Linalool 5-<10%; alpha-iso-Methylionone 0.1-<1%; Citral 0.1-<1%. Additional formulation property: Ethyl vanillin 10-<20%.

SECTION 16. Other information

This SDS was prepared from the supplied source SDS, with the product name presented as Cocoa Bean Fragrance Oil and supplier identity presented as Botanic Planet Canada Inc. Safety classifications, ingredient concentration bands, handling information and transport classification have been retained from the supplied source document.

The information in this safety data sheet is believed to be true and accurate to the best of our knowledge; data, instructions, recommendations and suggestions are provided without guarantee.