

## MSDS SHEET

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

**PRODUCT NAME:** Stearyl alcohol

**INCI:** Stearyl alcohol

**PRODUCT USE:** Skincare/Haircare/Cosmetics

**ORIGIN:** USA

**SUPPLIER:** Botanic Planet Canada Inc.

**ADDRESS:** 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

**CAS Number:** 90082-21-6

**PHONE/FAX:** 905-455-4444 / 905-455-8841

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

### 2. Hazards Identification

**Emergency Overview**

**GHS Classification**

None

**Signal:** Warning

**Hazard statement(s)**

None

**Precautionary statement(s)**

None

### 3. Composition / Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Stearyl alcohol	112-92-5	204-017-6	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 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:** Flakes/Beads/Pastilles

**Colour:** White

**Odour:** Light

**Odour threshold:** Not determined.

**pH-value:** Not applicable.

**Change in condition**

**Melting point/freezing point:** 50-70 °C

**Initial boiling point and boiling range:** 340-355 °C

**Flash point:** 195 °C

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** 245 °C

**Explosion limits:**

**Lower:** 1 Vol %

**Upper:** 8 Vol %

**Density at 20 °C:** 0.83 g/cm<sup>3</sup>

**Bulk density:** 300 kg/m<sup>3</sup>

**Solubility in / Miscibility with** Chloroform, Acetone, Benzene, Ethanol  
water at 20 °C: 0.01 g/l

**Partition coefficient:** n-octanol/water: Not determined.

## 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

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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**Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada**  
**Email: [info@botanicplanet.ca](mailto:info@botanicplanet.ca) [www.botanicplanet.ca](http://www.botanicplanet.ca)**

## CERTIFICATE OF ANALYSIS

**Product Name:** Stearyl alcohol

**INCI Name:** Stearyl alcohol

**Lot Number:** BPCSA52025

**Expiration Date:** May 2028

**Origin:** USA

Characteristic	Specification		Result
	Min	Max	
Homolog distribution (wt%)			
C 16 & lower		2.0	0.2
C 18	98.0		99.7
C 20 & higher		2.0	0.1
Hydrocarbons (wt%)		0.50	0.23
Acid value (mg KOH/g)		0.10	0.01
Saponification value (mg KOH/g)		1.00	0.10
Iodine value (g 12/100g)		0.10	0.01
Moisture (wt%)		0.30	0.10
Color, APHA		10	3
Solidification point (°C)	56.0	58.0	57.0
Hydroxyl value (mg KOH/g)	205	208	207

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