

## MSDS

### SECTION 1.

<b>Product name</b>	Camphor Powder
<b>INCI name</b>	1,7,7-Trimethylbicyclo(2.2.1)heptan-2-one, 2-Oxobornane
<b>CAS #</b>	76-22-2
<b>Country of Origin</b>	India
<b>EINECS #</b>	295-980-1
<b>Product use</b>	Cosmetic and Industrial
<b>Supplier</b>	Botanic Planet Canada Inc.
<b>Address</b>	2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
<b>Telephone number</b>	905-455-4444
<b>Emergency phone number</b>	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### SECTION 2.

#### Emergency Overview

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

#### Classification

Flammable solid - Category 2; Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Serious eye damage - Category 2; Specific target organ toxicity (single exposure) - Category 3

#### Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

Flammable solid.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

#### Precautionary Statement(s):

Prevention:  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Ground and bond container and receiving equipment.  
Wash hands and skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.

### SECTION 3.

Chemical Name	CAS No.	%	Other Identifiers
Camphor	76-22-2	> 95	1,7,7-Trimethylbicyclo(2.2.1)heptan-2-one, 2-Oxobornane

#### SECTION 4.

##### First-aid Measures

###### Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If breathing has stopped, trained personnel should begin rescue breathing. Get immediate medical advice or attention.

###### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. If skin irritation occurs, get medical advice or attention.

###### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

###### Ingestion

Rinse mouth with water. Immediately call a Poison Centre or doctor.

###### First-aid Comments

Some of the first-aid procedures recommended here require advanced first-aid training. If exposed or concerned, get medical advice or attention.

##### Most Important Symptoms and Effects, Acute and Delayed

None known.

##### Immediate Medical Attention and Special Treatment

###### Special Instructions

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### SECTION 5.

##### Extinguishing Media

###### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog. Use water to keep non-leaking, fire-exposed containers cool.

###### Unsuitable Extinguishing Media

None known.

##### Specific Hazards Arising from the Product

Flammable solid.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

##### Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. Fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours or gases. Knock down vapours or gases with water fog or fine water spray. For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Dike and recover contaminated water for appropriate disposal.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

#### SECTION 6.

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Remove or isolate incompatible materials as well as other hazardous materials.

### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

## SECTION 7.

### Precautions for Safe Handling

Wear personal protective equipment to avoid direct contact with this chemical. Avoid breathing in this product. Only use where there is adequate ventilation. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Electrically bond and ground equipment. Ground clips must contact bare metal. Use non-sparking tools.

### Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Store in a closed container.

## SECTION 8.

### EXPOSURE CONTROLS

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Camphor	2 ppm A4	3 ppm A4	2 mg/m <sup>3</sup>			

A4 = Not classifiable as a human carcinogen.

### Appropriate Engineering Controls

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Provide eyewash and safety shower if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge, wear a NIOSH approved air-purifying respirator with N100, R100, or P100 filter(s).

## SECTION 9.

### Basic Physical and Chemical Properties

Appearance	White crystalline powder.
Odour	Aromatic
Odour Threshold	0.079 ppm (detection)
pH	Not applicable
Melting Point/Freezing Point	178.8 °C (353.8 °F) (melting); 178.8 °C (353.8 °F) (freezing)
Initial Boiling Point/Range	204 °C (399 °F)
Flash Point	66 °C (151 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	3.5% (upper); 0.6% (lower)
Vapour Pressure	0.98 mm Hg

<b>Vapour Density (air = 1)</b>	5.24
<b>Relative Density (water = 1)</b>	0.992 at 25 °C
<b>Solubility</b>	Slightly soluble in water; Soluble in all proportions in alcohols (e.g. ethanol).
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	466 °C (871 °F)
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid

#### SECTION 10.

##### Reactivity

None known.

##### Chemical Stability

Normally stable.

##### Possibility of Hazardous Reactions

None known.

##### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.

##### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

##### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

#### SECTION 11.

##### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

##### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Camphor	> 55 ppm (mouse) (4-hour exposure)	1310 mg/kg (mouse)	Not available

##### Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials.

##### Serious Eye Damage/Irritation

Causes serious eye irritation based on skin irritation information.

##### STOT (Specific Target Organ Toxicity) - Single Exposure

###### Inhalation

Causes nose and throat irritation.

###### Ingestion

Harmful.

##### Aspiration Hazard

No information was located.

##### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

##### Respiratory and/or Skin Sensitization

No information was located.

## Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Camphor	Not Listed	A4	Not Listed	Not Listed

ACGIH®: A4 – Not classifiable as a human carcinogen.

## Reproductive Toxicity

### Development of Offspring

No information was located.

### Sexual Function and Fertility

No information was located.

### Effects on or via Lactation

No information was located.

## Germ Cell Mutagenicity

No information was located.

## Interactive Effects

No information was located.

## SECTION 12.

This section is not required by WHMIS. This section is not required by OSHA HCS 2012

## SECTION 13.

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	UN2717	CAMPBOR, synthetic	4.1 Flammable Solids	III
Canadian TDG	UN2717	CAMPBOR, synthetic	4.1 Flammable Solids	III

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15.

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

Listed on the TSCA Inventory.

## SECTION 16.

This product is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to botanic Planet. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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

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



## COA

**Product:** Camphor Powder

**Botanical Name/INCI:** 1,7,7-Trimethylbicyclo(2.2.1)heptan-2-one, 2-Oxobornane

**Lot No:** BPCCP082023

**Best Before:** August, 2027

**Origin:** India

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
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**Appearance:** White crystalline powder.

**Partition Coefficient, n-Octanol/Water (Log Kow)** Not available

**Odour** Aromatic

**pH:** N/A

**Vapour Pressure** 0.98 mm Hg

**Initial Boiling Point/Range** 204 °C (399 °F)

**Flash Point** 66 °C (151 °F)

**Solubility** Slightly soluble in water; Soluble in all proportions in alcohols (e.g. ethanol).

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