

MSDS

SECTION 1.

Product name	Menthol Crystals Organic
INCI name	Menthol
CAS #	1490-04-6 / 2216-51-5 / 89-78-1 / 15356-70-4
Country of Origin	INDIA
EINECS #	216-074-4 / 218-690-9 / 201-939-0 / 239-388-3
Product use	Domestic and Industrial
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
Telephone number	905-455-4444
Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2.

Emergency Overview

GHS Classification

Skin Corrosion / Irritation - Category 2

Serious eye damage/eye irritation - Category 2B

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H315 Causes skin irritation.
 H319 Causes serious eye irritation.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of 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.
 P321 Specific treatment (see section 4 on this label).
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists get medical advice/attention.

GHS Label elements, including precautionary statements

SECTION 3.

Product Name	CAS NO	EC NO	Concentration
Menthol	1490-04-6 / 2216-51-5 / 89-78-1 / 15356-70-4	216-074-4 / 218-690-9 / 201-939-0 / 239-388-3	100%

SECTION 4.**FIRST-AID MEASURES INHALATION EXPOSURE:**

Normal inhalation is unlikely to produce adverse reactions. Use in well ventilated areas. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician.

EYE CONTACT: Flush with water for 15 min without making eyes sore. Unsweetened Milk may help flush oil from eyes. Seek medical help if necessary.

SKIN CONTACT: Wash area with undiluted dishwashing liquid and flush with copious amounts of water. Seek medical help if necessary.

INGESTION: Flush from mouth with water or unsweetened milk. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

SECTION 5.**FIRE FIGHTING MEASURES****Suitable extinguishing media**

Carbon Dioxide, powder or water spray.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

SECTION 6.**ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Standard absorbents can be used.

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7.**HANDLING AND STORAGE HANDLING**

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

STORAGE Store in a cool, well-ventilated area.

FIRE PROTECTION Keep away from ignition sources and naked flame.

SECTION 8.**EXPOSURE CONTROLS**

PERSONAL PROTECTION RESPIRATORY PROTECTION: Usually not required

VENTILATION: Mechanical (general)

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Splash-proof safety glasses.

OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9.

Appearance: Clear white crystals.

Odor: Characteristic sharp minty odor.

pH: Neutral.

Melting Point/Freezing Point: 41 - 44 °C (MP)

Initial b.p and boiling range: BP: 218.94 °C

Flash point: 90-112°C

Flammability (solid, gas): Product is not flammable.

Relative density: 0.891 - 0.906 g/cm³ @ 20°C

Solubility: Insoluble in water. Soluble in mineral and vegetable oils.

SECTION 10.

STABILITY AND REACTIVITY INCOMPATIBILITIES CONDITIONS TO AVOID: No materials present special reactivity hazards.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS CO, CO₂, water

SECTION 11.

TOXICOLOGICAL INFORMATION ACUTE EFFECTS Most likely route of entry is through the skin. Full strength may be irritating to skin, mucous membranes and eyes.

THRESHOLD LIMIT VALUE (TLV): Not established **OSHA PERMISSABLE EXPOSURE LIMIT**

(PEL): Not established **LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?** NO

SECTION 12.

ECOLOGICAL INFORMATION GENERAL

Prevent contamination of soil, ground- and surface water.

SECTION 13.

DISPOSAL CONSIDERATION WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 14.

TRANSPORT INFORMATION Class Pack Group Sub. Risk UN No. IMDG Page Road(U.S.-DOT): UN 1169.

Air (IATA): not regulated. Sea (IMDG): not regulated.

SECTION 15.

REGULATORY INFORMATION EUROPEAN INFORMATION There were no toxicological studies in the published literature to assign risk and safety phrases.

REVIEWS, STANDARDS, AND REGULATIONS EPA TSCA SECTION 8(B) CHEMICAL INVENTORY LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA? NO

SECTION 16.

OTHER INFORMATION N/A

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.

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COA

Product: Menthol Crystals Organic

Botanical Name/INCI: Menthol

Lot No: BPCMC092023

Best Before: September, 2027

Origin: INDIA

Properties

Specifications

Results

Appearance: Clear white crystals. Complies

Odor: Characteristic sharp minty odor. Complies

Optical Rotation: -54° to -45° -49.3

Melting Point: 41 - 44 °C 41

Purity by GC: L-Menthol: > 99 % 99.7

Specific Gravity: 0.891 – 0.906 0.893

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