

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Citronellol
INCI Name Citronellol
Chemical Name 3,7-Dimethyl-6-octen-1-ol
CAS No. 106-22-9
EC No. 203-375-0
Molecular Formula C₁₀H₂₀O
Molecular Weight 156.27 g/mol
Product Type Aroma Chemical / Fragrance Ingredient

Origin: India

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 – HAZARD IDENTIFICATION

GHS Classification

Skin Irritation – Category 2

Serious Eye Damage – Category 1

Skin Sensitization – Category 1

Signal Word

DANGER



Signal Word

WARNING

GHS Pictogram



H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

Precautionary Statements

P261 – Avoid breathing mist/vapours/spray.

P264 – Wash thoroughly after handling.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves/eye protection/face protection.

P302+P352 – IF ON SKIN: Wash with plenty of water.

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTRE/doctor

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	Concentration
Citronellol	106-22-9	203-375-0	≥95%

SECTION 4 – FIRST-AID MEASURES

Eye Contact: Immediately rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash affected skin thoroughly with soap and water. If irritation or an allergic reaction develops, obtain medical attention.

Inhalation: Move the affected person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Contact a poison centre or physician if the person feels unwell.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂) or water spray.

Specific Hazards: Combustible organic liquid. Heating may generate irritating vapours.

Hazardous Combustion Products: Carbon monoxide (CO) and carbon dioxide (CO₂).

Protective Equipment: Firefighters should wear suitable protective equipment and self-contained breathing apparatus when required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Avoid breathing vapours or mist and avoid contact with skin and eyes.

Wear suitable gloves and eye/face protection.

Remove ignition sources where appropriate.

Contain the spill and absorb with sand, vermiculite or another inert absorbent material. Transfer collected material into an appropriate closed waste container.

Prevent concentrated product from entering drains, waterways or soil.

SECTION 7 – HANDLING AND STORAGE

Handle with adequate ventilation.

Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mist.

Keep containers tightly closed when not in use.

Store in a cool, dry and well-ventilated area protected from direct sunlight and excessive heat.

Keep away from ignition sources and strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye/Face Protection	Chemical safety goggles; face protection where splash risk exists
Hand Protection	Suitable chemical-resistant gloves
Skin Protection	Appropriate protective clothing
Respiratory Protection	Normally not required with adequate ventilation; suitable protection should be used where significant vapour/mist exposure may occur
Ventilation	Adequate general/local exhaust ventilation
Hygiene	Wash hands thoroughly after handling

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Information
Physical State	Liquid
Appearance	Clear, colorless to pale yellow liquid
Odor	Fresh, sweet, floral, rosy, citrus-like
Molecular Formula	C ₁₀ H ₂₀ O
Molecular Weight	156.27 g/mol
Specific Gravity @ 20°C	Approx. 0.850–0.860*
Refractive Index @ 20°C	Approx. 1.454–1.458*
Boiling Point	Approx. 224–225°C*
Flash Point	Approx. 100°C*
Water Solubility	Slightly soluble / practically insoluble
Solubility in Alcohol	Soluble

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No hazardous reaction expected under normal handling conditions.

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Excessive heat, flames, sparks and prolonged exposure to unsuitable storage conditions.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide may be produced during combustion.

Hazardous Polymerization: Not expected.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, eye contact, ingestion and inhalation of vapour/mist.

Skin: Causes skin irritation.

Eyes: Causes serious eye damage.

Sensitization: May cause an allergic skin reaction.

Inhalation: High concentrations of vapour or mist may cause irritation.

Ingestion: May cause gastrointestinal discomfort.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid release of concentrated material into the environment.

Citronellol may present hazards to aquatic organisms depending on concentration and exposure conditions.

Do not discharge concentrated material into drains, groundwater, surface water or soil.

Detailed aquatic-toxicity and environmental classifications should be taken from the original manufacturer's current SDS for the exact grade.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product, contaminated absorbents and packaging in accordance with applicable municipal, provincial and federal regulations.

Do not discharge concentrated product into drains or waterways.

Empty containers may retain product residues and should be handled accordingly.

SECTION 14 – TRANSPORT INFORMATION

Transportation status should be confirmed against the manufacturer's current SDS because classification can depend on the exact grade, environmental classification, quantity and transportation jurisdiction.

Regulation	Status
TDG – Canada	Verify current supplier SDS
IATA / ICAO	Verify current supplier SDS
IMDG	Verify current supplier SDS
UN Number	Verify current supplier SDS
Transport Hazard Class	Verify current supplier SDS
Packing Group	Verify current supplier SDS

SECTION 15 – REGULATORY INFORMATION

Citronellol is a recognized fragrance ingredient and fragrance allergen. Its concentration in finished cosmetic and fragrance products may be subject to applicable safety-assessment and labeling requirements.

Finished-product manufacturers should evaluate applicable:

- Health Canada cosmetic requirements
- WHMIS requirements
- Current IFRA Standards
- EU cosmetic and fragrance-allergen requirements
- Other applicable national and international regulations

SECTION 16 – OTHER INFORMATION

Product: Citronellol

INCI: Citronellol

CAS No.: 106-22-9

EC No.: 203-375-0

Use: Perfumery / Cosmetic / Fragrance Raw Material



This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. 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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