

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Nerol
INCI Name Nerol
Chemical Name (Z)-3,7-Dimethyl-2,6-octadien-1-ol
CAS No. 106-25-2
EC No. 203-378-7
Molecular Formula C₁₀H₁₈O
Molecular Weight 154.25 g/mol
Product Type Aroma Chemical / Fragrance Ingredient
Recommended Use Perfumery, fragrance and cosmetic formulations
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: DANGER



Hazard Statements

H315 – Causes skin irritation.
H317 – May cause an allergic skin reaction.
H318 – Causes serious eye damage.

Precautionary Statements

P261 – Avoid breathing vapours/mist.

P264 – Wash thoroughly after handling.

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

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.

P310 – Immediately call a POISON CENTRE/doctor.

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

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	Concentration
Nerol	106-25-2	203-378-7	≥98%

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. Seek immediate medical attention.

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

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

Ingestion: Rinse mouth. Do not induce vomiting unless instructed by medical personnel. Contact a physician or poison centre if symptoms occur.

SECTION 5 – FIRE-FIGHTING MEASURES

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

Specific Hazards: Combustible organic liquid. Vapours may be generated when heated.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Avoid contact with skin and eyes. Wear appropriate protective equipment. Keep away from heat, sparks, flames and other ignition sources.

Contain spill and absorb with sand, vermiculite or other inert absorbent material. Collect into a suitable closed container for disposal.

Prevent concentrated material from entering drains, waterways or soil.

SECTION 7 – HANDLING AND STORAGE

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

Wear appropriate gloves and eye/face protection during handling.

Keep container tightly closed.

Store in a cool, dry, well-ventilated and dark location. Protect from direct sunlight, excessive heat and prolonged exposure to air.

Keep away from strong oxidizing agents and ignition sources.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye/Face Protection	Chemical safety goggles / face protection
Hand Protection	Chemical-resistant protective gloves
Skin Protection	Suitable protective clothing
Respiratory Protection	Use suitable respiratory protection if ventilation is inadequate or significant vapour/mist is generated
Ventilation	Adequate general or 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	Sweet, fresh, floral, rose-like
Molecular Formula	$C_{10}H_{18}O$
Molecular Weight	154.25 g/mol
Specific Gravity @ 20°C	Approx. 0.872–0.882*
Refractive Index @ 20°C	Approx. 1.4720–1.4790*
Water Solubility	Insoluble / very slightly soluble

Property	Information
Alcohol Solubility	Soluble
Boiling Point	Approx. 225–227°C
Flash Point	Approx. 107°C*
Odor Character	Floral, rose, fresh, slightly citrus/green

*Values may vary by grade and test method. The manufacturer's specification should control.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No hazardous reaction expected under recommended handling conditions.

Chemical Stability: Stable under normal storage conditions.

Conditions to Avoid: Excessive heat, direct sunlight, ignition sources and prolonged exposure to air.

Incompatible Materials: Strong oxidizing agents.

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

Hazardous Polymerization: Not expected under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

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

Skin: Causes irritation.

Eyes: May cause serious eye damage.

Sensitization: May cause an allergic skin reaction in susceptible individuals.

Ingestion: May cause gastrointestinal discomfort. Avoid ingestion.

Repeated or prolonged skin exposure should be avoided.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release of concentrated Nerol into the environment.

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

Complete ecological classification should be taken from the original manufacturer's current SDS for the exact commercial grade.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of unused product, contaminated absorbents and packaging according to applicable municipal, provincial and federal regulations.

Do not discharge concentrated product directly into drains or waterways.

SECTION 14 – TRANSPORT INFORMATION

The exact transportation classification can depend on the commercial grade, packaging, quantity and jurisdiction.

Regulation Classification

UN Number Verify with manufacturer SDS

TDG (Canada) Verify before shipment

IATA Verify before air transport

IMDG Verify before marine transport

Do not assign a dangerous-goods shipping description solely from this draft SDS.

SECTION 15 – REGULATORY INFORMATION

Nerol is used as a fragrance ingredient and may be subject to fragrance-allergen disclosure and concentration requirements depending on the jurisdiction and finished-product application.

Finished-product manufacturers are responsible for evaluating applicable:

Health Canada cosmetic requirements • IFRA Standards • EU cosmetic/fragrance-allergen requirements • WHMIS/GHS workplace requirements

SECTION 16 – OTHER INFORMATION

Product: Nerol

CAS No.: 106-25-2

EC No.: 203-378-7

INCI Name: Nerol

Intended Use: Perfumery / Fragrance / Cosmetic 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 contained 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