

Material Safety Data Sheet

Benzyl Benzoate

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Benzyl Benzoate

INCI Name: Benzyl Benzoate

CAS No.: 120-51-4

Molecular Formula: C₁₄H₁₂O₂

Molecular Weight: 212.24 g/mol

Product Grade: Cosmetic / Perfumery Grade

Recommended Use: Cosmetic and fragrance raw material

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

Signal Word: Warning

General Hazards:

- Harmful if swallowed.
- May cause skin or eye irritation.
- Avoid breathing vapours, mist, or spray.
- Harmful to aquatic life with long-lasting effects.
- Avoid release to the environment.

Precautionary Measures: Wear suitable protective gloves and eye protection. Wash thoroughly after handling. Do not eat, drink, or smoke while handling the material.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Concentration
Benzyl Benzoate	120-51-4	≥99.0%
Chemical Name: Benzoic acid phenylmethyl ester		
INCI: Benzyl Benzoate		

SECTION 4. FIRST-AID MEASURES

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

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation develops or persists.

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

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

SECTION 5. FIRE-FIGHTING MEASURES

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

Specific Hazards: Combustible material. Heating or combustion may generate irritating or toxic fumes.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Wear appropriate gloves, protective clothing, and eye protection. Avoid contact with skin and eyes.

Contain the spill and absorb with inert material such as sand, vermiculite, or other suitable absorbent.

Transfer collected material to an appropriate container for disposal. Prevent large quantities from entering drains, soil, or waterways.

SECTION 7. HANDLING AND STORAGE

Handling

Avoid contact with eyes and prolonged contact with skin. Avoid breathing vapours or mist.

Use with adequate ventilation. Wash hands thoroughly after handling.

Storage

Store in a cool, dry, well-ventilated area.

Keep container tightly closed. Protect from:

- Direct sunlight
- Excessive heat
- Sources of ignition
- Strong oxidizing agents

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate general or local exhaust ventilation where necessary.

Eye Protection: Chemical safety glasses or goggles.

Hand Protection: Suitable chemical-resistant gloves.

Skin Protection: Appropriate protective clothing.

Respiratory Protection: Under normal conditions with adequate ventilation, respiratory protection may not be required. Where significant vapour or mist exposure occurs, use appropriate respiratory protection based on workplace risk assessment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Information
Appearance	Clear, colorless to pale-yellow liquid
Odour	Mild, characteristic aromatic odour
Molecular Formula	$C_{14}H_{12}O_2$
Molecular Weight	212.24 g/mol
Specific Gravity	Approx. 1.11
Refractive Index	Approx. 1.568–1.570
Melting Point	Approx. 18°C
Boiling Point	Approx. 323°C
Flash Point	Approx. 148°C
Water Solubility	Practically insoluble
Solubility	Soluble in alcohol and many organic solvents

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal recommended storage and handling conditions.

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

Incompatible Materials: Strong oxidizing agents and strong acids or bases.

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

Hazardous Polymerization: Not expected under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Ingestion, eye contact, skin contact, and inhalation of mist or vapours.

Acute Effects: Harmful if swallowed. Contact may cause irritation in susceptible individuals.

Skin Sensitization: Specific batch information not available.

Carcinogenicity: No batch-specific information provided.

Mutagenicity: No batch-specific information provided.

Reproductive Toxicity: No batch-specific information provided.

SECTION 12. ECOLOGICAL INFORMATION

Benzyl Benzoate should be prevented from entering waterways in significant quantities.

Aquatic Hazard: Harmful to aquatic organisms with potentially long-lasting effects.

Specific batch data for persistence, degradability, bioaccumulation, and mobility are not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of contents and contaminated packaging in accordance with applicable federal, provincial/state, and local regulations.

Do not discharge significant quantities into drains, sewers, or natural waterways.

SECTION 14. TRANSPORT INFORMATION

Transportation classification can depend on quantity, mode of transport, concentration, and jurisdiction.

TDG / DOT / IMDG / IATA: Verify against the manufacturer's current transportation classification before shipping.

Do not assign a UN number or packing group solely from this draft MSDS.

SECTION 15. REGULATORY INFORMATION

Benzyl Benzoate is used as a fragrance ingredient and is also relevant to cosmetic fragrance-allergen declaration requirements in certain jurisdictions.

The applicable requirements depend on the finished product, concentration, intended use, and market where the product is sold.

SECTION 16. OTHER INFORMATION

Product: Benzyl Benzoate

CAS No.: 120-51-4

INCI: Benzyl Benzoate

Intended Use: Cosmetic and perfumery 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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