

Material Safety Data Sheet

Phenyl Ethyl Acetate

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Phenyl Ethyl Acetate

Chemical Name: 2-Phenylethyl Acetate

Synonym: Phenethyl Acetate

CAS No.: 103-45-7

EC No.: 203-113-5

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.20 g/mol

Product Grade: Cosmetic / Perfumery Grade

Country of Origin: India

Grade: Cosmetic / Perfumery Grade

Recommended Use: Fragrance and perfumery ingredient; cosmetic and personal-care raw material.

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

Classification: Combustible organic liquid. May cause irritation following direct or prolonged exposure.

Potential Effects:

- May cause eye irritation.
- Prolonged or repeated skin contact may cause irritation.
- Vapours or mist may cause respiratory discomfort at elevated concentrations.
- Harmful effects may occur if significant quantities are swallowed.

Precautionary Measures: Avoid contact with eyes and prolonged skin contact. Use with adequate ventilation. Keep away from excessive heat, sparks and open flames.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Concentration
Phenyl Ethyl Acetate	103-45-7	203-113-5	≥98%

Chemical Family: Aromatic ester

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. Obtain medical attention if irritation persists.

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

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

Ingestion: Rinse mouth with water. Do not induce vomiting unless instructed by medical personnel. Obtain medical advice if symptoms develop or a significant quantity has been swallowed.

SECTION 5 – FIRE-FIGHTING MEASURES

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

Specific Hazards: Combustible liquid. Vapours may form combustible mixtures with air under appropriate conditions.

Hazardous Combustion Products: Carbon monoxide (CO), carbon dioxide (CO₂), smoke and irritating organic fumes.

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources and provide adequate ventilation.

Wear suitable gloves and eye protection. Avoid breathing concentrated vapours.

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

Prevent large quantities from entering drains, waterways or soil.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid contact with eyes and prolonged contact with skin. Avoid unnecessary inhalation of vapours.

Use in a well-ventilated area. Keep away from heat, sparks and open flames.

Storage

Store in a tightly closed container in a cool, dry and well-ventilated area.

Protect from:

- Direct sunlight
- Excessive heat
- Ignition sources
- Strong oxidizing agents

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate general or local exhaust ventilation.

Eye Protection: Safety glasses or chemical splash goggles.

Hand Protection: Chemical-resistant protective gloves recommended during bulk handling.

Skin Protection: Appropriate protective clothing.

Respiratory Protection: Normally not required under adequately ventilated conditions. Suitable respiratory protection should be used where excessive vapour or mist exposure may occur.

General Hygiene: Wash hands thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Information
Appearance	Colorless to pale yellow clear liquid
Odor	Sweet, floral, fruity, honey-like
Physical State	Liquid
Molecular Formula	$C_{10}H_{12}O_2$
Molecular Weight	164.20 g/mol
Specific Gravity	Approx. 1.03–1.04
Refractive Index	Approx. 1.495–1.505
Water Solubility	Slightly soluble / practically insoluble
Alcohol Solubility	Soluble
Odor Family	Floral / Fruity
Volatility	Moderate

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage and handling conditions.

Possibility of Hazardous Reactions: No hazardous polymerization expected under normal conditions.

Conditions to Avoid: Excessive heat, sparks, flames and prolonged exposure to light.

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

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and irritating organic fumes may be produced during combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin contact, eye contact, inhalation and ingestion.

Eye Contact: May cause irritation.

Skin Contact: Prolonged or repeated exposure may cause irritation in sensitive individuals.

Inhalation: High concentrations of vapour or mist may irritate the respiratory tract.

Ingestion: May cause gastrointestinal discomfort.

Sensitization: Product-specific sensitization data should be confirmed from the manufacturer's toxicological information.

SECTION 12 – ECOLOGICAL INFORMATION

Complete product-specific ecological data are not available.

Avoid uncontrolled release of concentrated material into the environment. Do not discharge bulk material directly into waterways, drains or soil.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product, contaminated absorbent material and packaging according to applicable federal, provincial/state and municipal regulations.

Do not discharge concentrated product into drains or natural waterways.

SECTION 14 – TRANSPORT INFORMATION

Transport classification should be confirmed against the manufacturer's current SDS and validated flash-point data for the specific grade supplied.

Do not assign a UN number or dangerous-goods classification solely from the product name without the applicable transport data.

SECTION 15 – REGULATORY INFORMATION

Phenyl Ethyl Acetate is used as an aromatic/fragrance raw material.

The manufacturer of the finished cosmetic or fragrance product is responsible for ensuring that its intended use and concentration comply with applicable cosmetic, fragrance, workplace and environmental regulations, including relevant IFRA requirements where applicable.

SECTION 16 – OTHER INFORMATION

Product: Phenyl Ethyl Acetate

Chemical Name: 2-Phenylethyl Acetate

CAS No.: 103-45-7

EC No.: 203-113-5

Formula: C₁₀H₁₂O₂

Grade: Cosmetic / Perfumery Grade



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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