Material Safety Data Sheet

Geranyl Acetate

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Geranyl Acetate
INCI Name: Geranyl Acetate
CAS Number: 105-87-3
EC Number: 203-341-5
Chemical Family: Monoterpene Ester
Recommended Use: Fragrance and Perfumery 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: HAZARDS IDENTIFICATION

Reference GHS Classification:

- Skin Irritation – Category 2
- Skin Sensitization – Category 1
- Hazardous to the Aquatic Environment, Chronic – Category 3

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H412: Harmful to aquatic life with long-lasting effects.

Eye Irritation Category 2 (H319). The classification for the actual supplied grade must be confirmed before final commercial issuance.

Precautionary Statements:

- P261: Avoid breathing vapours or mist.
- P264: Wash thoroughly after handling.
- P273: Avoid release to the environment.

- P280: Wear protective gloves and eye protection.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P333+P313: If skin irritation or rash occurs, get medical advice.
- P501: Dispose of contents and container according to applicable regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Geranyl Acetate	105-87-3	98%

SECTION 4: FIRST-AID MEASURES

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if 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 or an allergic reaction develops.

Inhalation: Move to fresh air. Obtain medical attention if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting. Contact a poison centre or healthcare professional for advice.

SECTION 5: FIRE-FIGHTING MEASURES

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

Flash Point: Approximately 104–118°C in published references; method and grade dependent.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, and irritating fumes may form during combustion.

Protective Equipment: Firefighters should wear suitable protective clothing and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Ensure adequate ventilation.
- Avoid direct skin and eye contact.
- Wear suitable protective equipment.
- Absorb spills with sand, vermiculite, or another inert absorbent.
- Collect waste in suitable sealed containers.
- Prevent discharge into drains and waterways.
- Dispose of waste according to applicable regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapours or mist. Use with adequate ventilation.

Storage: Keep containers tightly closed in a cool, dry, well-ventilated area. Protect from heat, sunlight, and oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No substance-specific occupational exposure limit identified in the referenced supplier information.

Eye Protection: Chemical safety goggles.

Hand Protection: Suitable chemical-resistant gloves.

Respiratory Protection: Appropriate respiratory protection when ventilation is inadequate or vapours/mists may accumulate.

Skin Protection: Protective clothing as appropriate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Published Reference Value
Appearance	Clear, colourless to pale yellow liquid
Odour	Sweet, floral, fruity
Molecular Formula	$C_{12}H_{20}O_2$
Molecular Weight	196.29 g/mol
Specific Gravity @ 25°C	0.900–0.914 (commercial reference grade)
Refractive Index @ 20°C	1.457–1.466
Boiling Point	Approximately 244–245°C at atmospheric pressure
Flash Point	Approximately 104–118°C
Water Solubility	Very slightly soluble
Alcohol Solubility	Soluble
Vapour Pressure	Low at room temperature
pH	Not applicable to the neat liquid

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Excessive heat, ignition sources, and prolonged exposure to light.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other combustion products.
Hazardous Polymerization: Not expected under normal storage conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Contact: Causes skin irritation; may cause allergic skin reactions.
Eye Contact: May cause irritation.
Inhalation: Vapours or mist may cause discomfort or irritation.
Ingestion: May cause gastrointestinal discomfort.
Sensitization: Classified as a skin sensitizer in the referenced SDS.
Chronic Toxicity: Insufficient information is provided here to establish chronic toxicity endpoints.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Hazard: Harmful to aquatic life with long-lasting effects.
Persistence and Degradability: Detailed test results are not established in this document.
Bioaccumulation: Refer to substance-specific environmental assessment data.
Environmental Precautions: Prevent uncontrolled release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused product, contaminated absorbents, and packaging according to applicable local, provincial, and federal regulations.
Do not pour concentrated material into drains or natural waterways.

SECTION 14: TRANSPORT INFORMATION

UN Number: Not assigned in the referenced general SDS classification.
Transport Hazard Class: Not classified as dangerous goods in the referenced transport information.
Packing Group: Not applicable.
Special Precautions: Keep containers tightly sealed and protected from heat and physical damage.
Transport classification must be checked against the final product grade and applicable TDG, IMDG, and IATA rules.

SECTION 15: REGULATORY INFORMATION

Canada: Assess classification and SDS requirements under the Hazardous Products Act and Hazardous Products Regulations (WHMIS).
Cosmetic Use: Subject to applicable cosmetic ingredient and finished-product requirements.
Fragrance Use: Check current IFRA standards and relevant fragrance allergen labelling requirements for the intended application.

SECTION 16: OTHER INFORMATION

Product: Geranyl Acetate
CAS Number: 105-87-3
Prepared For: Botanic Planet Canada Inc.
Document Type: SDS/MSDS

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.