



SAFETY DATA SHEET (SDS)

Product Name: Geranyl Acetate

Supplier: Aromology Trading LLC

CAS Number: 105-87-3

EC Number: 203-341-5

FEMA Number: 2509

Chemical Name: Geranyl Acetate

Molecular Formula: $C_{12}H_{20}O_2$

Molecular Weight: 196.29 g/mol

Recommended Use: Perfumery raw material / fragrance ingredient

SECTION 1 – Identification

Product Identifier: Geranyl Acetate

Synonyms

trans-3,7-Dimethyl-2,6-octadien-1-yl acetate

Geraniol Acetate

Recommended Use

Professional fragrance ingredient for perfume manufacture.

SECTION 2 – Hazard Identification

GHS Classification

Skin Irritation – Category 2

Skin Sensitisation – Category 1

Aspiration Hazard – Category 1

Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word



Danger

Hazard Statements

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing vapours or mist.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.

P331 Do NOT induce vomiting.

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

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

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – Composition / Information on Ingredients

Component	CAS Number	EC Number	Concentration
Geranyl Acetate	105-87-3	203-341-5	≥98%

SECTION 4 – First Aid Measures

Eye Contact

Rinse cautiously with water for at least 15 minutes.



Seek medical advice if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical advice if irritation or sensitisation develops.

Inhalation

Move person to fresh air.

Seek medical advice if symptoms occur.

Ingestion

Immediately call a physician or poison centre.

Do **NOT** induce vomiting.

SECTION 5 – Fire Fighting Measures

Suitable Extinguishing Media

Dry chemical

Carbon dioxide

Alcohol-resistant foam

Water spray

Hazardous Combustion Products

Carbon monoxide

Carbon dioxide

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.



SECTION 6 – Accidental Release Measures

Avoid contact with skin and eyes.

Prevent release into drains and waterways.

Absorb with inert absorbent such as sand or vermiculite and collect into suitable waste containers.

SECTION 7 – Handling and Storage

Handle in a well-ventilated area.

Avoid inhalation of vapours.

Store:

- tightly closed

- cool

- dry

- well ventilated

- away from direct sunlight

- away from oxidizing agents

Recommended storage temperature:

15–25 °C.

SECTION 8 – Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation.



Personal Protective Equipment

Eye Protection

Safety glasses or chemical goggles.

Hand Protection

Chemical-resistant gloves (nitrile recommended).

Respiratory Protection

Normally not required under adequate ventilation.

Use appropriate respiratory protection where vapour concentrations are excessive.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	Colourless to pale yellow liquid
Odour	Sweet, floral, rosy, fruity, lavender-like
Molecular Weight	196.29 g/mol
Boiling Point	Approx. 238 °C
Flash Point	Approx. 102 °C
Specific Gravity (20 °C)	0.909–0.916
Refractive Index (20 °C)	1.460–1.465
Water Solubility	Practically insoluble
Solubility	Soluble in ethanol and perfume solvents

SECTION 10 – Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

Heat

Open flames



Strong oxidizing agents

Hazardous decomposition products:

Carbon monoxide

Carbon dioxide

SECTION 11 – Toxicological Information

Likely routes of exposure:

Skin

Eyes

Inhalation

Ingestion

May cause:

Skin irritation

Allergic skin reaction

Aspiration hazard if swallowed

No evidence of carcinogenicity or mutagenicity under normal industrial use.

SECTION 12 – Ecological Information

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into drains, waterways, and soil.

SECTION 13 – Disposal Considerations

Dispose of contents and containers according to local, regional, and national regulations.



Do not discharge into drains.

SECTION 14 – Transport Information

Regulation

Classification

ADR/RID Environmentally Hazardous Substance, Liquid, N.O.S.

IMDG Environmentally Hazardous Substance, Liquid, N.O.S.

IATA Environmentally Hazardous Substance, Liquid, N.O.S.

UN Number: UN 3082

Hazard Class: 9

Packing Group: III

Marine Pollutant: Yes

SECTION 15 – Regulatory Information

Prepared in accordance with:

Globally Harmonized System (GHS)

CLP Regulation (EC) No. 1272/2008

OSHA Hazard Communication Standard (where applicable)

SECTION 16 – Other Information

Revision: 1.0

Issue Date: 30 June 2026

Recommended Use

Professional fragrance ingredient intended for perfume manufacture only.

Authorized by



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