



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS – 4th Revision

1. Identification of the Substance and Company

Product Name: Linalyl Acetate
Chemical Name: Linalyl acetate
CAS Number: 115-95-7
EC Number: 204-116-4

Identified Uses:

Chemical, fragrance ingredient, cosmetic and oral care chemical, detergent ingredient, flavouring substance (professional and industrial use only).

Supplier:

AROMOLOGY TRADING LLC
G15, Union Coop Mall
Nadd Al Hamar
Dubai, United Arab Emirates
Email: info@aromology.com
Website: www.aromology.com

Emergency Contact:

Local emergency services according to national regulations

2. Hazard Identification

GHS Classification

- Flammable Liquid – Category 4 (H227)
- Skin Corrosion / Irritation – Category 2 (H315)
- Eye Damage / Irritation – Category 2B (H320)
- Skin Sensitisation – Category 1B (H317)
- Hazardous to the Aquatic Environment – Acute Category 3 (H402)

Signal Word: Warning

Hazard Statements

- H227: Combustible liquid
- H315: Causes skin irritation



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- H320: Causes eye irritation
- H317: May cause an allergic skin reaction
- H402: Harmful to aquatic life

Precautionary Statements

- Wear protective gloves and eye/face protection
- Avoid breathing vapour or spray
- Keep away from heat, sparks, open flames – No smoking
- Avoid release to the environment
- Wash contaminated skin thoroughly after handling
- IF IN EYES: Rinse cautiously with water for several minutes
- IF ON SKIN: Wash with plenty of soap and water
- If irritation or rash occurs: Get medical attention
- In case of fire: Use powder, foam, or CO₂
- Store in a well-ventilated place
- Dispose of contents/container in accordance with regulations

3. Composition / Information on Ingredients

Substance	CAS No.	Concentration
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Linalyl Acetate	115-95-7	≥ 75% – ≤ 100%
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Impurities (non-hazard-determining):

- Linalool (< 0.1%)
- Geranyl acetate (< 0.1%)

4. First-Aid Measures

Inhalation:

Keep patient calm, remove to fresh air, seek medical attention.

Skin Contact:

Wash thoroughly with soap and water. Remove contaminated clothing.



Eye Contact:

Rinse immediately under running water for at least 15 minutes. Consult an eye specialist.

Ingestion:

Rinse mouth immediately and drink 200–300 ml of water. Seek medical attention.

Most Important Symptoms:

Skin and eye irritation; allergic skin reaction.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Dry powder, foam, carbon dioxide (CO₂)

Unsuitable Extinguishing Media:

Water

Specific Hazards:

Combustible liquid. May release carbon oxides and harmful vapours.

Protective Equipment:

Self-contained breathing apparatus and chemical protective clothing.

6. Accidental Release Measures

Personal Precautions:

Ensure adequate ventilation. Avoid inhalation and contact with skin and eyes. Eliminate ignition sources.

Environmental Precautions:

Do not discharge into drains, surface water, or groundwater.

Cleanup Methods:

Dike large spills and cover with alcohol-resistant foam. Absorb residues with inert material (sand, silica gel, general binder). Dispose according to regulations.

7. Handling and Storage

Handling:

Ensure good ventilation. Avoid contact with skin and eyes. Keep container tightly closed. Wash hands after handling.

Storage:

Store tightly sealed in a dry, cool place. Protect from heat and light. Segregate from odour-sensitive products.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

No specific limits established.

Personal Protective Equipment:

- Respiratory protection: Organic vapour filter (Type A) if ventilation is insufficient
 - Hand protection: Nitrile, chloroprene, or butyl rubber gloves
 - Eye protection: Safety goggles with side shields
 - Body protection: Protective clothing appropriate to exposure level
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9. Physical and Chemical Properties

Property	Value
Physical State	Liquid
Colour	Colourless
Odour	Sweetish
pH (23 °C)	~5
Melting Point	-100 °C
Boiling Point	220 °C
Flash Point	85 °C (closed cup)
Vapour Pressure (20 °C)	~1 mbar
Density (20 °C)	0.9018 g/cm ³
Solubility in Water (20 °C)	~40 mg/L (hydrolyses)
Log Pow (25 °C)	3.9
Auto-ignition Temperature	270 °C

10. Stability and Reactivity



Reactivity: No hazardous reactions under normal conditions

Chemical Stability: Stable if stored as recommended

Conditions to Avoid: Heat, sparks, open flames

Incompatible Materials: Acids

Hazardous Decomposition Products: None known

11. Toxicological Information

- LD₅₀ (oral, rat): > 9,000 mg/kg
 - LD₅₀ (dermal, rabbit): > 5,000 mg/kg
 - Causes skin and eye irritation
 - Skin sensitising (LLNA positive)
 - Not mutagenic, carcinogenic, or reprotoxic based on available data
 - No classification for STOT or aspiration hazard
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12. Ecological Information

- Fish (96 h LC₅₀): 11 mg/L
 - Daphnia (48 h EC₅₀): 15 mg/L
 - Algae (72 h EC₅₀): 62 mg/L
 - Readily biodegradable (OECD 301F)
 - Not PBT / vPvB
 - Harmful to aquatic life
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13. Disposal Considerations

Dispose of contents and containers in accordance with national and local regulations. Do not allow to enter drains or waterways.

14. Transport Information

ADR / RID / ADN / IMDG / IATA:

Not classified as dangerous goods for transport.



15. Regulatory Information

This product is classified according to UN GHS (4th Revision).
Not listed as ozone-depleting, PBT, or vPvB substance.

16. Other Information

This MSDS is intended as a safety guide for professional users and does not constitute a specification or certificate of analysis.

Prepared for: Aromology Trading LLC
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