



SAFETY DATA SHEET (MSDS)

According to Regulation (EC) No. 1907/2006 (REACH)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Name: Natural Citronellyl Acetate

CAS No.: 150-84-5

EC No.: 205-775-0

Product Type: Natural aromatic substance

Recommended Uses:

Perfumery, fragrances, cosmetics, personal care products, air care products, flavouring applications (professional use)

Supplier:

Aromology

G15, Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.ae

Emergency Contact: Local emergency services

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (CLP Regulation EC 1272/2008)

- Skin Irritation – Category 2 (H315)
- Aquatic Chronic – Category 2 (H411)

2.2 Label Elements

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation
- H411: Toxic to aquatic life with long lasting effects

Precautionary Statements:

- P264: Wash hands thoroughly after handling
- P273: Avoid release to the environment
- P280: Wear protective gloves/eye protection



- P302+P352: IF ON SKIN: Wash with plenty of water
- P332+P313: If skin irritation occurs, get medical advice
- P362+P364: Take off contaminated clothing and wash before reuse

2.3 Other Hazards

This substance is not classified as SVHC and does not meet PBT or vPvB criteria.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Natural Citronellyl Acetate

Chemical Formula: $C_{12}H_{22}O_2$

Molecular Weight: 198.3 g/mol

Purity: 100%

Component	CAS No.	EC No.	Concentration
Natural Citronellyl Acetate	150-84-5	205-775-0	100%

SECTION 4: FIRST AID MEASURES

Inhalation:

Provide fresh air. Seek medical advice if symptoms persist.

Skin Contact:

Wash immediately with soap and water. Remove contaminated clothing.

Eye Contact:

Rinse cautiously with water for several minutes. Consult an ophthalmologist.

Ingestion:

Rinse mouth and drink water. Do not induce vomiting.

Treatment:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, foam, dry powder, CO_2

Special Hazards:

Vapours may form explosive mixtures with air.



Protective Equipment:

Self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ensure adequate ventilation. Avoid skin and eye contact.

Environmental Precautions:

Prevent entry into drains, soil, or surface water.

Cleanup Methods:

Absorb with inert material (sand, diatomaceous earth). Dispose according to regulations.

SECTION 7: HANDLING AND STORAGE

Handling:

No special measures required. Observe good industrial hygiene.

Storage:

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

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

DNEL Values:

- Worker inhalation (long-term): 17 mg/m³
- Worker dermal (long-term): 4.8 mg/kg bw/day

Personal Protective Equipment:

- Gloves: Chemical-resistant (nitrile recommended)
 - Eye Protection: Safety goggles
 - Respiratory Protection: If ventilation is insufficient
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colourless liquid
Odour	Floral, citrus



Property	Value
Flash Point	94 °C
Density (20 °C)	0.89 g/cm ³
Auto-ignition	235 °C
Water Solubility	0.016 g/L
Log Pow	4.9

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable

Chemical Stability: Stable under normal conditions

Hazardous Reactions: None known

Incompatible Materials: Strong oxidising agents

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD₅₀ (rat): 6800 mg/kg
- Dermal LD₅₀ (rabbit): >2000 mg/kg

Skin Irritation: Causes skin irritation

Sensitisation: Not classified

Carcinogenicity / Mutagenicity / Reprotoxicity: Not classified

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects

Biodegradability: Readily biodegradable (93% in 28 days)

Bioaccumulation: Not determined

PBT/vPvB: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and container according to local environmental regulations. Avoid release into drains or soil.



SECTION 14: TRANSPORT INFORMATION

UN Number: UN 3082

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.

Hazard Class: 9

Packing Group: III

Marine Pollutant: Yes

SECTION 15: REGULATORY INFORMATION

Complies with REACH, CLP, and applicable EU chemical safety regulations.

Water Hazard Class: 2 (hazardous to water)

SECTION 16: OTHER INFORMATION

Issue Date: 2025

Version: 1.0

The information provided is based on current knowledge and does not constitute a warranty. Users must ensure compliance with all applicable regulations.