



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), and UAE GSO requirements

SAFETY DATA SHEET

Citronellyl Propionate

Document Information

Product Name	Citronellyl Propionate
Chemical Name	Citronellyl Propionate
Synonyms	3,7-Dimethyl-6-octen-1-yl Propionate
CAS Number	141-14-0
EC Number	205-461-3
FEMA Number	2316
FLAVIS Number	09.192
INCI Name	Citronellyl Propionate
Product Type	Aroma Chemical
Revision	2.0
Issue Date	29 June 2026

SECTION 1: Identification

1.1 Product Identifier

Product Name: Citronellyl Propionate

Chemical Name: Citronellyl Propionate

CAS Number: 141-14-0

EC Number: 205-461-3

INCI Name: Citronellyl Propionate

1.2 Recommended Use

Raw material for:



- Fine Fragrance
- Cosmetics
- Personal Care Products
- Soap
- Candles
- Home Fragrance
- Air Care Products
- Professional Perfumery Applications

1.3 Restrictions on Use

For industrial and professional use only.

Not intended for direct consumer use or internal consumption.

Supplier

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SECTION 2: Hazard Identification

GHS Classification

- Skin Irritation – Category 2
 - Eye Irritation – Category 2A
 - Skin Sensitisation – Category 1
 - Hazardous to the Aquatic Environment (Chronic) – Category 3
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Signal Word

WARNING

Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or mists.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not leave the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	EC Number	Concentration
Citronellyl Propionate	141-14-0	205-460-4	≥98%

SECTION 4: First Aid Measures

Eye Contact

Immediately flush eyes with clean water for at least 15 minutes.

Seek medical attention if irritation persists.



Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical attention if irritation or sensitisation develops.

Inhalation

Move the affected person to fresh air.

Seek medical advice if symptoms persist.

Ingestion

Rinse mouth.

Do not induce vomiting.

Seek immediate medical attention.

Most Important Symptoms

- Skin irritation
- Allergic skin reaction
- Eye irritation

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog



Unsuitable

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide

Protective Equipment

Self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

Wear appropriate personal protective equipment.

Avoid release into drains and waterways.

Absorb with inert absorbent material (sand, vermiculite or universal absorbent).

Collect into suitable containers for disposal.

SECTION 7: Handling and Storage

Handling

Avoid prolonged skin contact.

Avoid breathing vapours.

Use only in well-ventilated areas.

Maintain good industrial hygiene.

Storage

Store:



- Cool
- Dry
- Well ventilated

Keep container tightly closed.

Recommended storage temperature:

15–25 °C

Protect from:

- Heat
- Direct sunlight
- Strong oxidising agents

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Eye Protection

Chemical safety goggles.

Hand Protection

Nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

Protective Clothing

Chemical-resistant protective clothing.

SECTION 9: Physical and Chemical Properties

Property	Value
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Property	Value
Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Sweet, rosy, fruity, floral
Physical State	Liquid
Molecular Formula	$C_{13}H_{24}O_2$
Molecular Weight	212.33 g/mol
Boiling Point	Approximately 260 °C
Flash Point	Approximately 105 °C
Relative Density (20 °C)	0.880–0.895
Refractive Index (20 °C)	1.451–1.458
Water Solubility	Insoluble
Solubility	Soluble in ethanol and most organic solvents

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous Decomposition Products

- Carbon monoxide
 - Carbon dioxide
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SECTION 11: Toxicological Information

Acute Toxicity

Low acute toxicity under normal industrial handling conditions.

Skin Contact

Causes skin irritation.



May cause allergic skin reactions.

Eye Contact

Causes eye irritation.

Respiratory Effects

May cause slight irritation following prolonged exposure.

Carcinogenicity

Not classified.

Mutagenicity

Not classified.

Reproductive Toxicity

Not classified.

SECTION 12: Ecological Information

Ecotoxicity

Harmful to aquatic life with long-lasting effects.

Persistence

Expected to be biodegradable.

Bioaccumulation

Low to moderate potential.

Avoid uncontrolled environmental release.

SECTION 13: Disposal Considerations

Dispose through an authorised waste disposal contractor.



Do not discharge into drains or waterways.

Dispose of contaminated packaging according to local regulations.

SECTION 14: Transport Information

Item	Information
UN Number	Not regulated
Proper Shipping Name	Not regulated
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Marine Pollutant	No

SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP)
 - UAE GSO Chemical Safety Requirements
 - IFRA Guidance
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SECTION 16: Other Information

Intended Use

This material is supplied exclusively as a fragrance raw material for industrial, cosmetic, personal care, home fragrance, and professional perfumery applications.

Citronellyl Propionate is widely used to impart fresh rosy, fruity, pear-like, and floral nuances to fragrance compositions and blends exceptionally well with rose, citrus, muguet, and fruity accords.

Abbreviations

- GHS – Globally Harmonized System



- CAS – Chemical Abstracts Service
- EC – European Community
- REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
- CLP – Classification, Labelling and Packaging
- PPE – Personal Protective Equipment
- ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG – International Maritime Dangerous Goods Code
- IATA – International Air Transport Association

Disclaimer

The information contained in this Safety Data Sheet is based on current scientific knowledge and available technical information for Citronellyl Propionate (CAS No. 141-14-0). It is intended solely as guidance for the safe handling, storage, transportation, use, and disposal of the product. Users are responsible for ensuring compliance with all applicable regulations and determining the suitability of this material for their intended application.

Authorized By

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