



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

SECTION 1: Identification

1.1 Product Identifier

Product Name: cis-Jasmone

Chemical Name: cis-Jasmone

CAS Number: 488-10-8

EC Number: 207-668-4

INCI Name: Jasmone

1.2 Recommended Use

Raw material for:

- Fine Fragrance
 - Cosmetics
 - Personal Care Products
 - Soap
 - Candles
 - Home Fragrance
 - Flavour & Fragrance Manufacturing
 - Professional Perfumery Applications
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1.3 Restrictions on Use

For industrial and professional use only.

Not intended for direct consumer use or ingestion.

Supplier



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SECTION 2: Hazard Identification

GHS Classification

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

Signal Word

WARNING

Hazard Statements

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.
 - 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 according to local regulations.
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SECTION 3: Composition / Information on Ingredients

Component	CAS Number	EC Number	Concentration
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cis-Jasmone	488-10-8	207-680-2	≥98%
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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 sensitisation
- Eye irritation
- Mild respiratory irritation following prolonged vapour exposure

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 suitable personal protective equipment.



Prevent release into drains and waterways.

Absorb with sand, vermiculite or inert absorbent.

Collect into suitable waste containers.

SECTION 7: Handling and Storage

Handling

Avoid prolonged skin contact.

Avoid breathing vapours.

Use only with adequate ventilation.

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
Appearance	Clear to pale yellow liquid
Colour	Colourless to pale yellow
Odour	Powerful jasmine, floral, fruity, green
Physical State	Liquid
Molecular Formula	$C_{11}H_{16}O$
Molecular Weight	164.24 g/mol
Boiling Point	Approximately 255 °C
Flash Point	Approximately 110 °C
Relative Density (20 °C)	0.945–0.955
Refractive Index (20 °C)	1.492–1.498
Water Solubility	Practically 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

SECTION 11: Toxicological Information

Acute Toxicity

Low acute toxicity under normal industrial handling conditions.

Skin Contact

May cause allergic skin reaction.

Eye Contact

Causes eye irritation.

Respiratory Effects

May cause slight irritation after prolonged exposure.

Carcinogenicity

Not classified.

Mutagenicity

Not classified.

Reproductive Toxicity

Not classified.



SECTION 12: Ecological Information

Ecotoxicity

Harmful to aquatic organisms 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

SECTION 16: Other Information



Intended Use

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

cis-Jasmone is a high-impact floral aroma chemical widely used to impart natural jasmine, tea, green, and fruity nuances to fine fragrance compositions.

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 cis-Jasmone (CAS No. 488-10-8). 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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