



## SAFETY DATA SHEET (SDS)

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**Product Name:** Isoeugenyl Acetate

**Chemical Name:** Isoeugenyl Acetate

**CAS Number:** 5912-87-8

**EC Number:** 813-782-0

**Product Type:** Aroma Chemical

**Recommended Use:** Fragrance ingredient for perfumery and cosmetic applications.

**Supplier:** Aromology Trading LLC

**Issue Date:** 09 May 2025

**Version:** 1.0

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

#### 1.1 Product Identifier

**Product Name:** Isoeugenyl Acetate

**Chemical Name:** Isoeugenyl Acetate

**CAS Number:** 5912-87-8

**EC Number:** 813-782-0

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#### 1.2 Recommended Use

Fragrance ingredient for perfumery, cosmetics, personal care products and aromatic applications.

Not intended for food, pharmaceutical or medicinal use.

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#### 1.3 Supplier Details

**Aromology Trading LLC**

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1.4 Emergency Telephone Number  
+971 505 197 601

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 GHS Classification

Based on available supplier information and industry data:

- Skin Irritation – Category 2
  - Eye Irritation – Category 2A
  - Skin Sensitisation – Category 1
  - Aquatic Chronic Toxicity – Category 2
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### 2.2 Label Elements

#### Signal Word

#### Warning

#### Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long-lasting effects.

#### Precautionary Statements

- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.



- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local regulations.

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## 2.3 Other Hazards

No additional hazards identified under normal conditions of use.

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

Single constituent aroma chemical.

| Component          | CAS Number | Concentration |
|--------------------|------------|---------------|
| Isoeugenyl Acetate | 5912-87-8  | ≥98%          |

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## SECTION 4: FIRST AID MEASURES

### Inhalation

Move the affected person to fresh air.

Obtain medical attention if symptoms persist.

### Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

### Eye Contact

Flush immediately with clean water for at least 15 minutes.

Seek medical advice if irritation continues.

### Ingestion



Rinse mouth thoroughly.

Do not induce vomiting.

Seek medical attention immediately.

#### Most Important Symptoms

- Skin irritation
- Eye irritation
- Allergic skin reaction

#### Medical Attention

Treat symptomatically.

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## SECTION 5: FIREFIGHTING MEASURES

### Suitable Extinguishing Media

- Dry chemical
- Carbon dioxide
- Alcohol-resistant foam
- Water spray

### Unsuitable Media

Do not use a direct water jet.

### Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Phenolic compounds
- Organic decomposition products

### Protective Equipment

Self-contained breathing apparatus and full protective clothing.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid contact with skin and eyes.

Provide adequate ventilation.

Prevent release into drains and waterways.

Absorb using sand, vermiculite or inert absorbent.

Dispose of waste according to local regulations.

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## SECTION 7: HANDLING AND STORAGE

### Handling

Avoid inhalation of vapours.

Avoid prolonged or repeated skin contact.

Use only in well-ventilated areas.

Do not eat, drink or smoke while handling.

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### Storage

Store below 25 °C.

Protect from direct sunlight.

Keep container tightly closed.

Store away from oxidising materials.

Retain in original container.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits



No occupational exposure limits established.

Engineering Controls

Provide adequate ventilation.

Personal Protective Equipment

Eye Protection

Safety goggles.

Skin Protection

Chemical-resistant gloves.

Protective clothing.

Respiratory Protection

Normally not required under adequate ventilation.

Use an organic vapour respirator if ventilation is insufficient.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property                 | Specification                                                 |
|--------------------------|---------------------------------------------------------------|
| Appearance               | Clear colourless to pale yellow liquid                        |
| Odour                    | Sweet, spicy, clove-like, carnation, balsamic                 |
| Physical State           | Liquid                                                        |
| Flash Point              | Approximately 113 °C                                          |
| Boiling Point            | Approximately 285–295 °C                                      |
| Relative Density (20 °C) | 1.050–1.080                                                   |
| Refractive Index (20 °C) | 1.545–1.555                                                   |
| Solubility               | Insoluble in water; soluble in alcohol and perfumery solvents |
| Vapour Pressure          | Low                                                           |

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## SECTION 10: STABILITY AND REACTIVITY

Reactivity

No hazardous reactions expected.



### Chemical Stability

Stable under recommended storage conditions.

### Hazardous Reactions

None known.

### Conditions to Avoid

- Excessive heat
- Open flames
- Direct sunlight

### Incompatible Materials

Strong oxidising agents.

### Hazardous Decomposition Products

Carbon oxides and organic decomposition products.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

### Effects

#### **Skin**

Causes irritation.

May cause allergic skin reactions.

#### **Eyes**

Causes irritation.

#### **Respiratory**



High vapour concentrations may cause respiratory irritation.

#### **Carcinogenicity**

No evidence of classification.

#### **Mutagenicity**

No evidence of classification.

#### **Reproductive Toxicity**

No evidence of classification.

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### **SECTION 12: ECOLOGICAL INFORMATION**

Avoid release into the environment.

Toxic to aquatic organisms with long-lasting effects.

#### **Persistence**

Expected to be inherently biodegradable.

#### **Bioaccumulation**

Moderate potential.

#### **Mobility**

Low water solubility.

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### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of contents and containers in accordance with local and national regulations.

Prevent contamination of drains, waterways and soil.

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### **SECTION 14: TRANSPORT INFORMATION**

| <b>Parameter</b> | <b>Information</b>                                            |
|------------------|---------------------------------------------------------------|
| UN Number        | UN 3082                                                       |
| Proper Shipping  | Environmentally Hazardous Substance, Liquid, N.O.S. (Contains |



| Parameter        | Information         |
|------------------|---------------------|
| Name             | Isoeugenyl Acetate) |
| Hazard Class     | 9                   |
| Packing Group    | III                 |
| Marine Pollutant | Yes                 |

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## SECTION 15: REGULATORY INFORMATION

Prepared in accordance with:

- UN GHS (Latest Edition)
  - Regulation (EC) No. 1272/2008 (CLP)
  - Regulation (EC) No. 1907/2006 (REACH), where applicable
  - IFRA Standards (where applicable)
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## SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been prepared using available supplier information and accepted industry data for fragrance raw materials.

The information contained herein is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transportation and use of this material. It does not constitute a guarantee of any specific product properties.

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Prepared By

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