



SAFETY DATA SHEET (SDS)

Product Name: Isoamyl Phenyl Acetate Natural
Supplier: Aromology Trading LLC
CAS Number: 102-19-2
EC Number: 203-012-6
FEMA Number: 2081
Chemical Name: Isoamyl Phenylacetate / Isopentyl Phenylacetate
Molecular Formula: C₁₃H₁₈ O₂
Molecular Weight: 206.28 g/mol
Recommended Use: Perfumery raw material / fragrance ingredient

SECTION 1 – Identification

Product Identifier: Isoamyl Phenyl Acetate Natural
Synonyms: Isoamyl Phenylacetate; Isopentyl Phenylacetate; Phenylacetic Acid Isoamyl Ester
Use: Professional fragrance ingredient for perfume manufacture.

SECTION 2 – Hazard Identification

GHS Classification:
Skin Irritation – Category 2

Signal Word: Warning

Hazard Statement:
H315: Causes skin irritation.

Precautionary Statements:
P264: Wash thoroughly after handling.
P280: Wear protective gloves and eye protection.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Remove contaminated clothing and wash before reuse.

SECTION 3 – Composition / Information on Ingredients

Component	CAS Number	Concentration
Isoamyl Phenyl Acetate Natural	102-19-2	≥ 98%



SECTION 4 – First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

Inhalation: Move person to fresh air. Seek medical advice if symptoms occur.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice if unwell.

SECTION 5 – Fire Fighting Measures

Suitable Extinguishing Media: Water spray, carbon dioxide, dry chemical, alcohol-resistant foam.

Unsuitable Media: Do not use a strong direct water jet.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, irritating fumes.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – Accidental Release Measures

Avoid contact with skin and eyes. Provide adequate ventilation. Prevent entry into drains, soil, and waterways. Absorb with sand, earth, vermiculite, or inert absorbent and place into suitable labelled containers for disposal.

SECTION 7 – Handling and Storage

Handle in a well-ventilated area. Avoid prolonged skin contact, eye contact, and inhalation of vapour or mist.

Store tightly closed in a cool, dry, well-ventilated place away from heat, direct sunlight, ignition sources, and strong oxidizing agents.

SECTION 8 – Exposure Controls / Personal Protection

Engineering Controls: Provide adequate ventilation.

Eye Protection: Safety glasses or goggles.

Hand Protection: Nitrile or chemical-resistant gloves.



Respiratory Protection: Normally not required under adequate ventilation. Use suitable respiratory protection if vapour or mist is generated.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	Colourless to pale yellow liquid
Odour	Sweet, honey, rose, floral, fruity
Molecular Weight	206.28 g/mol
Flash Point	Approx. 100°C or above
Specific Gravity	Approx. 0.970 – 0.990
Refractive Index	Approx. 1.485 – 1.495
Water Solubility	Practically insoluble
Solubility	Soluble in ethanol and perfume solvents
Log Pow	Approx. 3.97

SECTION 10 – Stability and Reactivity

Stable under recommended storage conditions.

Avoid: Heat, open flames, ignition sources, strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

SECTION 11 – Toxicological Information

Likely Routes of Exposure: Skin, eyes, inhalation, ingestion.

May cause skin irritation. Prolonged or repeated contact may increase irritation risk.
Vapour or mist may cause mild respiratory discomfort under poor ventilation.

No known carcinogenic, mutagenic, or reproductive toxicity under normal conditions of use.

SECTION 12 – Ecological Information

Avoid uncontrolled release into the environment. The substance has been reported as readily biodegradable, with OECD 301C data showing 89% biodegradation over 28 days. Log Pow is reported around 3.97.



SECTION 13 – Disposal Considerations

Dispose of contents and containers in accordance with local, regional, and national regulations. Do not discharge into drains, soil, or natural waterways.

SECTION 14 – Transport Information

Regulation Classification

ADR/RID Not Regulated

IMDG Not Regulated

IATA Not Regulated

Isoamyl Phenyl Acetate is generally reported as not regulated as dangerous goods for transport.

SECTION 15 – Regulatory Information

Prepared in accordance with GHS and general SDS format requirements. Product identifiers including CAS 102-19-2, EC 203-012-6, FEMA 2081, formula $C_{13}H_{18}O_2$, and molecular weight 206.28 g/mol are consistent with published supplier references.

SECTION 16 – Other Information

Issue Date: 30 June 2026

Revision: 1.0

This SDS is prepared for professional handling of the raw material and does not replace the responsibility of the user to verify suitability and regulatory compliance for the finished product.

Authorized by

Fozia Khot

Director

Aromology Trading LLC