



MATERIAL SAFETY DATA SHEET (MSDS)

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

1. Identification of the Substance and Company

Product Name: Natural Isoamyl Acetate

Chemical Name: Isopentyl acetate

CAS Number: 123-92-2

EC Number: 204-662-3

Index Number: 607-130-00-2

Product Code: 205500

Identified Uses:

Flavour and fragrance ingredient for professional and industrial use only.

Supplier:

AROMOLOGY TRADING LLC

G15, Union Coop Mall

Nadd Al Hamar, Dubai

United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services according to national regulations

2. Hazard Identification

Classification (CLP – EC No. 1272/2008)

- Flammable Liquid – Category 3 (H226)

Signal Word: Warning

Hazard Statements

- H226: Flammable liquid and vapour
- EUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements

- P210: Keep away from heat, sparks, open flames. No smoking
- P233: Keep container tightly closed
- P240–P243: Ground/bond container and prevent static discharge



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- P280: Wear protective gloves and eye/face protection
- P370+P378: In case of fire, use CO₂ or dry powder
- P403+P235: Store in a well-ventilated place. Keep cool
- P501: Dispose of contents/container in accordance with regulations

SVHC Status:

Not listed as a Substance of Very High Concern under REACH Article 59.

3. Composition / Information on Ingredients

Substance	CAS No.	Concentration
Isopentyl acetate (Natural Isoamyl Acetate)	123-92-2	100%

Molecular Formula: C₇H₁₄O₂

Molecular Weight: 130.19 g/mol

4. First-Aid Measures

Inhalation:

Move to fresh air and keep at rest. Seek medical attention if symptoms occur.

Skin Contact:

Wash immediately with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

Eye Contact:

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

Ingestion:

Rinse mouth immediately and drink water. Do not induce vomiting. Seek medical advice.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Water spray, carbon dioxide (CO₂), foam, dry chemical powder.

Specific Hazards:

Flammable liquid. Vapours may form explosive mixtures with air.

Protective Equipment:

Self-contained breathing apparatus and protective clothing.



6. Accidental Release Measures

Personal Precautions:

Remove ignition sources. Avoid inhalation and contact with skin or eyes. Use PPE.

Environmental Precautions:

Prevent entry into drains, soil, and surface water.

Cleanup Methods:

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

7. Handling and Storage

Handling:

Use good industrial hygiene practices. Avoid eating, drinking, or smoking during handling.

Storage:

Keep container tightly closed in a cool, well-ventilated place. Keep away from heat and ignition sources.

Incompatible Materials:

Oxidising agents.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

- TWA (8 h): 50 ppm / 270 mg/m³
- STEL (15 min): 100 ppm / 540 mg/m³

Personal Protective Equipment:

- Protective gloves
 - Safety goggles / face protection
 - Protective clothing
 - Respiratory protection if ventilation is inadequate
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9. Physical and Chemical Properties



Property	Value
Appearance	Colourless liquid
Odour	Fruity
Melting Point	-79 °C
Boiling Point	~142 °C
Flash Point	35 °C
Vapour Pressure (20 °C)	5.3 hPa
Density (20 °C)	~0.87 g/cm ³
Water Solubility (25 °C)	~2 g/L
Log Pow (n-octanol/water)	2.7
Auto-ignition Temperature	380 °C

10. Stability and Reactivity

Reactivity: Flammable

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Heat, sparks, open flames

Hazardous Decomposition Products: None known

11. Toxicological Information

- LD₅₀ (oral, rabbit): 7410 mg/kg
 - LD₅₀ (dermal, rabbit): >5000 mg/kg
 - Not classified for skin irritation, eye irritation, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT, or aspiration hazard
 - Repeated exposure may cause skin dryness or cracking
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12. Ecological Information

Aquatic Toxicity:

- Fish (96 h LC₅₀): 11.1 mg/L



- Daphnia (48 h EC₅₀): 26.3 mg/L

Biodegradability:

Readily biodegradable (OECD 301F)

PBT/vPvB Assessment:

Does not meet criteria.

13. Disposal Considerations

Dispose of contents and containers in accordance with local and international regulations. Do not discharge into drains or the environment.

14. Transport Information

UN Number: UN 1104

Proper Shipping Name: Amyl Acetates

Transport Class: 3

Packing Group: III

Applicable to ADR / RID / IMDG / IATA

Marine Pollutant: No

15. Regulatory Information

- Classified under CLP Regulation (EC) No. 1272/2008
 - SEVESO III: P5c – Flammable Liquids
 - Water Hazard Class (Germany): 1 – slightly hazardous to water
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16. Other Information

This MSDS is intended as a safety guide for professional users and does not constitute a guarantee of product properties.

Prepared for: Aromology Trading LLC

Document Type: MSDS (REACH / CLP)