



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Item	Details
Product Name	Isobutyl Acetate Natural
Alternative Names	2-Methylpropyl Acetate; Isobutyl Ethanoate
Chemical Name	Isobutyl Acetate
CAS Number	110-19-0
EC Number	203-745-1
Molecular Formula	C ₆ H ₁₂ O ₂
Molecular Weight	116.16 g/mol
FEMA Number	2170
Product Type	Natural Aroma Chemical
Recommended Use	Professional perfumery, fragrance compounding and cosmetic manufacture
Uses Advised Against	Internal consumption, vaping, smoking or direct undiluted skin application

Isobutyl Acetate Natural is a naturally derived fruity ester possessing a fresh sweet fruity, apple, pear and banana-like odour. It is widely used in fine fragrances, cosmetics and flavour applications for imparting fresh fruity top notes.

Supplier

Aromology Trading LLC
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SECTION 2: HAZARD IDENTIFICATION

Representative GHS Classification

- Flammable Liquid — Category 2



- Eye Irritation – Category 2A
- Specific Target Organ Toxicity (Single Exposure) – Category 3 (Narcotic Effects)

Signal Word

DANGER

Hazard Statements

- H225: Highly flammable liquid and vapour.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.

Precautionary Statements

- Keep away from heat, sparks, open flames and hot surfaces.
- Ground and bond containers during transfer.
- Use explosion-proof electrical equipment.
- Avoid breathing vapours.
- Wear suitable protective gloves and eye protection.
- Store in a cool, well-ventilated place.
- Keep out of reach of children.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Representative Concentration
Isobutyl Acetate Natural	110-19-0	Approximately 100%

Contains no intentionally added solvents or preservatives.

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 cautiously with clean water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Ingestion

Rinse mouth. Do not induce vomiting unless directed by medical personnel. Obtain medical advice if unwell.

Most Important Symptoms

- Eye irritation.
 - Mild skin irritation.
 - Drowsiness or dizziness following excessive vapour exposure.
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Alcohol-resistant foam
- Carbon dioxide (CO₂)
- Dry chemical powder
- Water fog

Hazardous Combustion Products

- Carbon monoxide.
- Carbon dioxide.
- Irritating organic vapours.

Firefighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Remove all ignition sources.
- Ensure adequate ventilation.
- Prevent product entering drains and waterways.
- Absorb with inert absorbent material such as sand or vermiculite.
- Dispose of according to local regulations.



SECTION 7: HANDLING AND STORAGE

Handling

- Avoid inhalation of vapours.
- Avoid prolonged skin and eye contact.
- Use only in well-ventilated areas.
- Prevent static discharge.

Storage

Store:

- In tightly closed original containers.
- In a cool, dry and well-ventilated location.
- Away from ignition sources and direct sunlight.
- Away from strong oxidising agents.
- Away from children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective laboratory clothing
Respiratory Protection	Organic vapour respirator where ventilation is inadequate
Hygiene	Wash thoroughly after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Appearance	Clear, colourless liquid
Odour	Fruity, apple, pear, banana
Relative Density (20 °C)	0.868–0.874
Refractive Index (20 °C)	1.392–1.396
Boiling Point	Approximately 118 °C
Flash Point	Approximately 18 °C
Solubility	Slightly soluble in water; miscible with most organic solvents



and alcohol

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

- Heat.
- Sparks.
- Flames.
- Static discharge.
- Strong oxidising agents.

Hazardous Decomposition Products

- Carbon monoxide.
 - Carbon dioxide.
 - Irritating organic fumes.
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SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

- Inhalation.
- Skin contact.
- Eye contact.
- Ingestion.

High vapour concentrations may cause dizziness, headache, drowsiness and respiratory irritation. Prolonged skin contact may cause defatting of the skin.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled environmental release.
- Prevent contamination of waterways and drains.
- Expected to be readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging through an authorised waste disposal contractor in accordance with national and local regulations.

SECTION 14: TRANSPORT INFORMATION

Item	Information
UN Number	UN1213
Proper Shipping Name	Isobutyl Acetate
Transport Hazard Class	3
Packing Group	II

Transport information should always be confirmed using the latest manufacturer's Safety Data Sheet before shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP)
 - Regulation (EU) 2020/878
 - United Nations Globally Harmonized System (GHS)
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SECTION 16: OTHER INFORMATION

Document Information

Item	Details
Issue Date	18 July 2026
Revision Number	01
Document Type	Summary Material Safety Data Sheet



Disclaimer

This Safety Data Sheet provides representative safety information for Isobutyl Acetate Natural. The information is based on published data for fragrance-grade Isobutyl Acetate and accepted GHS classification principles. Actual values may vary between manufacturers and production batches.

The original manufacturer's Safety Data Sheet shall take precedence where available.

This material is intended exclusively for professional perfumery and cosmetic manufacture. It is not intended for internal consumption and should be stored securely away from children.

Authorised by:

Fozia Khot
Director