



SAFETY DATA SHEET (SDS)

Product Name: Phenyl Ethyl Isobutyrate Natural

Chemical Name: 2-Phenylethyl Isobutyrate (Natural)

CAS Number: 103-48-0 (*industry reference; verify against supplier COA if required*)

EC Number: 203-116-7

Product Type: Natural Aroma Ingredient

Recommended Use: Fragrance ingredient for perfumery and cosmetic applications.

Supplier: Aromology Trading LLC

Address: G05 Al Ghazal Building, Nadd Al Hamar, Dubai, United Arab Emirates

Telephone: +971 505 197 601

Email: info@aromology.com

Website: www.aromology.com

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Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product Identifier

Product Name: Phenyl Ethyl Isobutyrate Natural

Chemical Name: 2-Phenylethyl Isobutyrate

CAS Number: 103-48-0

1.2 Recommended Use

Fragrance ingredient for perfumery, cosmetics and aromatic applications.

Not intended for food, pharmaceutical or medicinal use.

1.3 Supplier Details

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar



Dubai, United Arab Emirates

Telephone: +971 505 197 601

Email: info@aromology.com

Website: www.aromology.com

1.4 Emergency Telephone Number
+971 505 197 601

SECTION 2: HAZARDS IDENTIFICATION

2.1 GHS Classification

Based on available supplier information and industry data, this material is generally classified as:

- Skin Irritation Category 2
- Eye Irritation Category 2A
- Skin Sensitisation Category 1
- Aquatic Chronic Toxicity Category 3

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.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing vapours.



P264 Wash thoroughly after handling.

P272 Contaminated clothing should not leave 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, obtain medical advice.

P501 Dispose of contents/container in accordance with local regulations.

2.3 Other Hazards

No additional hazards identified.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Single constituent natural aroma chemical.

Component	CAS Number	Concentration
Phenyl Ethyl Isobutyrate Natural	103-48-0	≥98%

SECTION 4: FIRST AID MEASURES

Inhalation

Move to fresh air.

Seek medical attention if symptoms persist.

Skin Contact



Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Obtain medical advice.

Most Important Symptoms

- Skin irritation
- Eye irritation
- Allergic skin reaction in sensitive individuals

Medical Attention

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Media



Direct water jet.

Hazardous Combustion Products

Carbon monoxide

Carbon dioxide

Organic decomposition products

Protective Equipment

Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid skin and eye contact.

Provide adequate ventilation.

Prevent entry into drains and waterways.

Absorb using sand, vermiculite or inert absorbent.

Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling

Avoid unnecessary exposure.

Use adequate ventilation.

Do not eat, drink or smoke during handling.

Avoid prolonged skin contact.



Storage

Store tightly closed.

Store below 25°C.

Protect from sunlight.

Keep away from oxidising agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

No occupational exposure limits established.

Engineering Controls

Local exhaust ventilation where appropriate.

Personal Protective Equipment

Eye Protection:

Safety glasses.

Skin Protection:

Chemical resistant gloves.

Respiratory Protection:

Normally not required under adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:



Clear colourless to pale yellow liquid

Odour:

Sweet floral, rosy, honey-like

Physical State:

Liquid

Flash Point:

Approximately 96 °C

Boiling Point:

Approximately 245–255 °C

Relative Density (20 °C):

0.985–1.015

Refractive Index (20 °C):

1.490–1.505

Solubility:

Insoluble in water

Soluble in alcohol and perfumery solvents

Vapour Pressure:

Low

SECTION 10: STABILITY AND REACTIVITY

Reactivity:



Stable under recommended conditions.

Chemical Stability:

Stable.

Hazardous Reactions:

None known.

Conditions to Avoid:

Heat

Open flames

Strong UV exposure

Incompatible Materials:

Strong oxidising agents

Hazardous Decomposition:

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin
- Eyes
- Inhalation

Effects

Skin:

May cause irritation.



Eyes:

May cause irritation.

Respiratory:

Prolonged exposure to high vapour concentrations may cause irritation.

Sensitisation:

May cause allergic skin reactions.

Carcinogenicity:

No known evidence.

Mutagenicity:

No known evidence.

Reproductive Toxicity:

No known evidence.

SECTION 12: ECOLOGICAL INFORMATION

Avoid release into the environment.

May be harmful to aquatic organisms with long lasting effects.

Persistence:

Expected to be biodegradable.

Bioaccumulation:

Low to moderate potential.

Mobility:



Low water solubility.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Do not discharge into drains.

SECTION 14: TRANSPORT INFORMATION

UN Number:

Not regulated

Proper Shipping Name:

Not regulated

Hazard Class:

Not regulated

Packing Group:

Not applicable

Marine Pollutant:

No

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

SECTION 16: OTHER INFORMATION

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

The information is believed to be accurate at the date of issue and is intended solely to provide guidance for safe handling, storage, transport and use.

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Company: Aromology Trading LLC