



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

Parameter	Details
Product Name	Phenyl Ethyl Acetate Natural
Synonyms	2-Phenylethyl Acetate Natural; Phenethyl Acetate Natural
INCI Name	Phenethyl Acetate
Chemical Name	2-Phenylethyl Acetate
Molecular Formula	C ₁₀ H ₁₂ O ₂
Molecular Weight	164.20 g/mol
CAS Number	103-45-7
EC Number	203-113-5
FEMA Number	2857
FLAVIS Number	09.022
Product Type	Natural Aroma Chemical
Origin	Natural (obtained from natural raw materials by approved physical, enzymatic or microbiological processes)
Physical Form	Liquid

1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic fragrance ingredient
- Fine fragrance manufacture
- Soap and detergent fragrance
- Home fragrance
- Industrial fragrance manufacture
- Research and development

1.3 Uses Advised Against

- Internal consumption unless specifically food-grade certified
- Pharmaceutical use
- Direct undiluted skin application
- Non-professional use without appropriate safety assessment

1.4 Supplier Details

Aromology Trading LLC
G05 Al Ghazal Building



Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

1.5 Emergency Telephone Number

Contact the nearest Poison Centre or emergency medical service.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification

According to Regulation (EC) No. 1272/2008 (CLP), this material is generally not classified as hazardous based on available industry data.

Representative classification:

Hazard Class	Category
Not Classified	—

2.2 Label Elements

No hazard pictograms required.

Signal Word: None

No mandatory hazard statements.

Recommended Precautionary Statements

- P264 Wash thoroughly after handling.
- P280 Wear suitable protective gloves and eye protection during bulk handling.
- P273 Avoid unnecessary release to the environment.
- P501 Dispose of contents/container according to local regulations.

2.3 Other Hazards

- May cause mild eye irritation.
- Prolonged skin contact may cause slight irritation in sensitive individuals.
- Combustible liquid at elevated temperatures.
- Spilled product may create slipping hazards.



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS	Content
Phenyl Ethyl Acetate Natural	103-45-7	≥99%

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air.

Seek medical advice if symptoms persist.

Skin Contact

Wash with soap and water.

Remove contaminated clothing.

Eye Contact

Flush with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting unless directed by medical personnel.

Obtain medical advice if unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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



Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Ensure adequate ventilation.
 - Wear suitable PPE.
 - Prevent entry into drains.
 - Absorb using inert absorbent.
 - Transfer to suitable disposal containers.
 - Wash contaminated surfaces with detergent.
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SECTION 7: HANDLING AND STORAGE

Handling

- Avoid prolonged skin contact.
- Avoid eye contact.
- Maintain good industrial hygiene.
- Keep containers tightly closed.

Storage

Store:

- Between 5–25 °C
 - Away from direct sunlight
 - In tightly closed containers
 - In a cool, dry, ventilated area
 - Away from oxidising agents
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate ventilation.

Personal Protective Equipment

Eye Protection

Safety glasses.

Hand Protection

Nitrile gloves.

Skin Protection

Protective clothing during industrial handling.

Respiratory Protection

Normally not required.

Use organic vapour respirator if ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Clear colourless to pale yellow liquid
Odour	Sweet, honey, rosy, floral, fruity
Relative Density (20 °C)	1.024–1.034
Refractive Index (20 °C)	1.497–1.503
Boiling Point	Approximately 232 °C
Flash Point	Approximately 102 °C
Vapour Pressure	Low
Solubility	Insoluble in water; soluble in alcohol
Log Kow	Approximately 2.1

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.



Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Available data indicate:

- Low acute toxicity.
- May cause slight eye irritation.
- Mild skin irritation possible after prolonged exposure.
- No evidence of carcinogenicity under normal industrial use.
- No known reproductive toxicity.
- No known mutagenicity.

SECTION 12: ECOLOGICAL INFORMATION

- Not expected to present significant environmental hazards under normal use.
- Readily biodegradable.
- Avoid uncontrolled release.
- Low bioaccumulation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose through authorised waste contractors.

Do not discharge into drains or waterways.

Dispose of contaminated packaging according to local regulations.

SECTION 14: TRANSPORT INFORMATION

Parameter	Value
UN Number	Not Regulated
Proper Shipping Name	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:



- REACH Regulation (EC) No. 1907/2006
- Regulation (EU) 2020/878
- CLP Regulation (EC) No. 1272/2008
- Cosmetic Regulation (EC) No. 1223/2009
- Current IFRA Standards

SECTION 16: OTHER INFORMATION

Shelf Life

36 months when stored under recommended conditions.

Issue Date

23 July 2026

Version

1.0

DISCLAIMER

This Safety Data Sheet has been prepared using representative safety and physicochemical information for Phenyl Ethyl Acetate Natural (CAS 103-45-7). Actual product specifications may vary depending on the natural source, manufacturing process and production batch. The manufacturer's current Safety Data Sheet, Certificate of Analysis and regulatory documentation shall take precedence where available.

This material is supplied exclusively as a professional perfumery ingredient and is not intended for internal consumption unless specifically supplied as food-grade material.

AUTHORISED BY

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