



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), and UAE GSO requirements

SECTION 1: Identification

1.1 Product Identifier

Product Name: Butyl Acetate Natural

Chemical Name: *n*-Butyl Acetate

CAS Number: 123-86-4

EC Number: 204-658-1

INCI Name: Butyl Acetate

1.2 Recommended Use

Raw material for:

- Fine Fragrance
 - Cosmetics
 - Personal Care Products
 - Soap
 - Candles
 - Home Fragrance
 - Professional Perfumery Applications
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1.3 Restrictions on Use

For industrial and professional use only.

Not intended for direct consumer use or internal consumption.

Supplier



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SECTION 2: Hazard Identification

GHS Classification

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

Signal Word

WARNING

Hazard Statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary Statements

- P210 Keep away from heat, sparks, hot surfaces and open flames. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P261 Avoid breathing vapours.



- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container according to local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	EC Number	Concentration
<i>n</i> -Butyl Acetate (Natural)	123-86-4	204-658-1	≥99%

SECTION 4: First Aid Measures

Eye Contact

Immediately rinse with clean water for at least 15 minutes.

Seek medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical advice if irritation develops.

Inhalation

Move the exposed person to fresh air.

If symptoms persist, obtain medical attention.

Ingestion

Rinse mouth.



Do **not** induce vomiting.

Seek immediate medical advice.

Most Important Symptoms

- Eye irritation
- Headache
- Dizziness
- Drowsiness following excessive inhalation

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

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

Unsuitable

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide

Protective Equipment

Self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

Wear appropriate personal protective equipment.

Eliminate all ignition sources.



Prevent material from entering drains or waterways.

Absorb using:

- Sand
- Vermiculite
- Inert absorbent

Transfer to approved waste containers.

SECTION 7: Handling and Storage

Handling

Avoid inhalation of vapours.

Avoid contact with eyes.

Use only in well-ventilated areas.

Keep away from ignition sources.

Storage

Store:

- Cool
- Dry
- Well ventilated

Keep container tightly closed.

Recommended storage temperature:

15–25 °C

Protect from:

- Heat
- Sparks
- Open flames



- Direct sunlight

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Eye Protection

Chemical splash goggles.

Hand Protection

Nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is insufficient.

Protective Clothing

Chemical-resistant protective clothing.

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Clear liquid
Colour	Colourless
Odour	Sweet, fruity, banana-like
Physical State	Liquid
Molecular Formula	$C_6H_{12}O_2$
Molecular Weight	116.16 g/mol
Boiling Point	126 °C
Flash Point	22–27 °C
Relative Density (20 °C)	0.878–0.883
Refractive Index (20 °C)	1.393–1.397
Water Solubility	Slightly soluble
Solubility	Miscible with alcohols and most organic solvents



SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid

- Heat
- Sparks
- Static discharge
- Strong oxidising agents

Hazardous Decomposition Products

- Carbon monoxide
- Carbon dioxide

SECTION 11: Toxicological Information

Acute Toxicity

Low acute toxicity under normal industrial use.

Eye Contact

Causes serious eye irritation.

Skin Contact

Repeated exposure may cause skin dryness.

Inhalation

May cause drowsiness, dizziness and central nervous system depression at high vapour concentrations.

Carcinogenicity

Not classified.

Mutagenicity



Not classified.

Reproductive Toxicity

Not classified.

SECTION 12: Ecological Information

Ecotoxicity

Not expected to present significant environmental hazards when properly handled.

Persistence

Readily biodegradable.

Bioaccumulation

Low potential.

Avoid uncontrolled release into the environment.

SECTION 13: Disposal Considerations

Dispose through an authorised waste disposal contractor.

Do not discharge into drains or waterways.

Dispose of packaging according to local regulations.

SECTION 14: Transport Information

Item	Information
UN Number	UN 1123
Proper Shipping Name	Butyl Acetates
Transport Hazard Class	3
Packing Group	III
Marine Pollutant	No



SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- UAE GSO Chemical Safety Requirements
- IFRA Guidance

SECTION 16: Other Information

Intended Use

This material is supplied exclusively as a naturally derived fragrance ingredient for industrial, cosmetic, personal care, and professional perfumery applications.

Abbreviations

- GHS – Globally Harmonized System
- CAS – Chemical Abstracts Service
- EC – European Community
- REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
- CLP – Classification, Labelling and Packaging
- PPE – Personal Protective Equipment
- ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG – International Maritime Dangerous Goods Code
- IATA – International Air Transport Association

Disclaimer

The information contained in this Safety Data Sheet is based on current scientific knowledge and available technical information for Natural Butyl Acetate (CAS No. 123-86-4). It is intended solely as guidance for the safe handling, storage, transportation, use, and disposal of the product. Users are responsible for ensuring compliance with all



applicable regulations and determining the suitability of this material for their intended application.

Authorized By

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