



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

Product Name: Butyl Butyrate Natural

Chemical Name: Butyl Butyrate (Butyl Butanoate)

INCI Name: Butyl Butyrate

CAS Number: 109-21-7

EC Number: 203-656-8

Molecular Formula: C₈ H₁₆ O₂

Molecular Weight: 144.21 g/mol

Product Type: Natural Aroma Ingredient

Origin: Natural Isolate

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and flavour fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Flammable Liquid – Category 3
- Eye Irritation – Category 2A
- 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, open flames and hot surfaces.
- 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 in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Butyl Butyrate Natural
Chemical Name	Butyl Butanoate
INCI Name	Butyl Butyrate
CAS Number	109-21-7
EC Number	203-656-8
Purity	≥95% Natural Isolate

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice.



SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Remove all ignition sources.

Provide adequate ventilation.

Absorb with inert material such as sand or vermiculite.

Prevent entry into drains and waterways.

SECTION 7 – HANDLING AND STORAGE

Use in well-ventilated areas.

Avoid inhalation of vapours.

Store tightly closed in a cool, dry place away from heat, sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles



- Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
 - Organic vapour respirator where ventilation is inadequate
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear mobile liquid
Colour	Colourless
Odour	Sweet green apple, pineapple, banana, fruity
Relative Density (20 °C)	0.870–0.878
Refractive Index (20 °C)	1.394–1.399
Boiling Point	Approximately 166 °C
Flash Point	Approximately 33 °C
Solubility in Water	Slightly soluble
Solubility	Miscible with ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Sparks
- Open flames
- Strong oxidising agents

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause serious eye irritation.

High vapour concentrations may cause dizziness or drowsiness.

Low acute toxicity under normal professional handling conditions.



SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Do not discharge into drains or waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3272
Proper Shipping Name	Esters, N.O.S. (Butyl Butyrate)
ADR/RID	Class 3
IMDG	Class 3
IATA	Class 3
Packing Group	III

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
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SECTION 16 – OTHER INFORMATION

Butyl Butyrate Natural is a naturally derived aroma ingredient with an intensely fruity profile reminiscent of green apple, pineapple, banana and juicy tropical fruits. It is widely



used in fine fragrance, fruity accords, flavour creation and cosmetic formulations to impart freshness, brightness and natural fruit character.

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