



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	Hexyl Butyrate Natural
Commercial Description	Green Apple
Chemical Name	Hexyl Butyrate
Synonyms	Hexyl Butanoate; Butanoic Acid Hexyl Ester
CAS Number	2639-63-6
EC Number	220-136-6
FEMA Number	2568
JECFA Number	153
Molecular Formula	$C_{10}H_{20}O_2$
Molecular Weight	172.27 g/mol
Product Type	Natural Aroma Chemical
Recommended Use	Professional perfumery, flavour and cosmetic manufacture
Uses Advised Against	Internal consumption unless specifically approved for food use, vaping, or direct undiluted cosmetic application

Hexyl Butyrate Natural (CAS 2639-63-6) is a naturally derived aroma ingredient valued for its fresh green apple, fruity and peel-like odour.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
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SECTION 2: HAZARD IDENTIFICATION

Representative GHS Classification



- **Flammable Liquid – Category 4 (Combustible Liquid)**

Signal Word

Warning

Hazard Statement

- **H227:** Combustible liquid.

Precautionary Statements

- Keep away from heat, sparks and open flames.
- Keep container tightly closed.
- Wear protective gloves and eye protection.
- Use only with adequate ventilation.
- Store in a cool, well-ventilated area.
- Keep out of reach of children.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Hexyl Butyrate (Natural)	2639-63-6	220-136-6	≥95%

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air. Obtain medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Eye Contact

Flush cautiously with clean water for at least 15 minutes.

Ingestion

Rinse mouth. Do not induce vomiting unless directed by medical personnel.



Symptoms

- Mild eye irritation.
 - Mild skin irritation.
 - Headache or dizziness after prolonged vapour exposure.
 - Gastrointestinal discomfort if swallowed.
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Remove ignition sources.
 - Ensure good ventilation.
 - Prevent entry into drains.
 - Absorb with inert material such as sand or vermiculite.
 - Dispose of according to local regulations.
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SECTION 7: HANDLING AND STORAGE

Handling

- Avoid breathing vapours.
- Avoid contact with eyes.



- Keep away from ignition sources.
- Use suitable personal protective equipment.

Storage

Store:

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

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Safety glasses
Hand Protection	Nitrile gloves
Skin Protection	Laboratory coat
Respiratory Protection	Normally not required with adequate ventilation
Hygiene	Wash thoroughly after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Fresh green apple, fruity, peel-like
Physical State	Liquid
Boiling Point	Approximately 208 °C
Flash Point	Approximately 73–75 °C
Relative Density (20 °C)	0.858–0.869
Refractive Index (20 °C)	1.413–1.419
Water Solubility	Practically insoluble
Alcohol Solubility	Soluble

Representative physical properties correspond with JECFA specifications.



SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

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

Hazardous Decomposition Products

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

Likely routes of exposure:

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

Low acute toxicity is expected under normal professional use. Excessive vapour exposure may cause mild central nervous system effects.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled release.
 - Prevent discharge into drains and waterways.
 - Expected to be biodegradable.
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SECTION 13: DISPOSAL CONSIDERATIONS



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

SECTION 14: TRANSPORT INFORMATION

Item	Status
UN Number	Not regulated (typical commercial transport)
Transport Classification	Combustible liquid; verify with current supplier SDS
Packing Group	Not assigned

Transport classification should always be confirmed using the manufacturer's current Safety Data Sheet.

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 Hexyl Butyrate Natural (CAS 2639-63-6). Actual classification and transport status may vary according to purity and supplier specifications. The original manufacturer's current Safety Data Sheet shall always take precedence.

This material is intended exclusively for professional perfumery, flavour and cosmetic manufacture. It is not intended for internal consumption unless specifically approved for food use and should be stored securely away from children.

Authorised by:

Fozia Khot
Director