



MATERIAL SAFETY DATA SHEET (MSDS)

NATURAL CIS-3-HEXENYL BUTYRATE

SECTION 1: Identification of the Substance and Company

Product Name: Natural cis-3-Hexenyl Butyrate

CAS Number: 16491-36-4

EC Number: 240-553-7

Molecular Formula: $C_{10}H_{18}O_2$

Molecular Weight: 170.25 g/mol

Recommended Uses:

Perfumery, fragrances, cosmetics, personal care products, air care products, pharmaceutical and flavour applications.

Supplier:

Aromology

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Emergency Contact: Available upon request

SECTION 2: Hazard Identification

GHS / CLP Classification:

Not classified as hazardous according to Regulation (EC) No 1272/2008.

Label Elements:

No hazard pictograms, signal word, or hazard statements required.

Other Hazards:

- Not listed as SVHC under REACH Article 59
 - Not subject to authorisation under REACH Annex XIV
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SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Natural cis-3-Hexenyl Butyrate	16491-36-4	100%



SECTION 4: First Aid Measures

Inhalation:

Provide fresh air.

Skin Contact:

Wash with plenty of water. Remove contaminated clothing and wash before reuse.

Eye Contact:

Rinse immediately and thoroughly with water or eye-bath.

Ingestion:

Rinse mouth immediately and drink water.

Symptoms:

No specific symptoms identified.

SECTION 5: Firefighting Measures

Suitable Extinguishing Media:

Water spray jet.

Specific Hazards:

Non-flammable. Vapours may form explosive mixtures with air.

Protective Equipment:

Self-contained breathing apparatus recommended.

Do not allow fire-fighting water to enter drains or surface water.

SECTION 6: Accidental Release Measures

Personal Precautions:

Use appropriate personal protective equipment.

Environmental Precautions:

Prevent entry into drains, soil, and surface water.

Cleanup Methods:

Absorb with inert material (sand, diatomaceous earth, universal binders). Dispose according to regulations.



SECTION 7: Handling and Storage

Handling:

No special measures required.

Avoid eating, drinking, smoking during handling.

Storage:

Keep container tightly closed.

No special storage incompatibilities identified.

Hygiene Measures:

Wash hands before breaks and after work.

SECTION 8: Exposure Controls / Personal Protection

Control Parameters:

No occupational exposure limits established.

Personal Protective Equipment:

- Eye protection: Safety goggles
 - Hand protection: Chemical-resistant gloves
 - Skin protection: Protective clothing
 - Respiratory protection: Use if ventilation is inadequate
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SECTION 9: Physical and Chemical Properties

Property	Value
Physical State	Liquid
Colour	Colourless
Boiling Point	~192 °C
Flash Point	~79 °C
Density (20 °C)	~0.89 g/cm ³
Vapour Pressure (20 °C)	~0.18 hPa
Log Pow	~3.2



SECTION 10: Stability and Reactivity

Reactivity: No hazardous reactions under normal conditions.

Chemical Stability: Stable at ambient temperatures.

Hazardous Reactions: None known.

Hazardous Decomposition Products: None known.

SECTION 11: Toxicological Information

Acute Toxicity:

- Oral LD₅₀ (rat): >5000 mg/kg
- Dermal LD₅₀ (rabbit): >5000 mg/kg

Skin / Eye Irritation:

Not classified.

Sensitisation:

Not classified.

Other Effects:

Not classified for carcinogenicity, mutagenicity, reproductive toxicity, STOT, or aspiration hazard.

SECTION 12: Ecological Information

Ecotoxicity:

Not classified as ecotoxic.

Biodegradability / Bioaccumulation:

No data available.

PBT / vPvB:

Does not meet PBT or vPvB criteria.

Environmental Precautions:

Avoid release to environment.

SECTION 13: Disposal Considerations

Dispose of residues and contaminated packaging as hazardous organic waste in accordance with local regulations.

Do not allow entry into drains, soil, or waterways.



SECTION 14: Transport Information

ADR / RID / ADN / IMDG / IATA:
Not classified as dangerous goods.

Environmental Hazard: No

SECTION 15: Regulatory Information

- Complies with REACH and CLP regulations
 - Not subject to SEVESO III Directive
 - Water hazard class: 2 (hazardous to water)
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SECTION 16: Other Information

This MSDS is provided for safety guidance and regulatory purposes only.
It does not constitute a guarantee of product properties.