



SAFETY DATA SHEET

Isobornyl Cyclohexanol

In accordance with UN GHS latest edition

Issue Date: 01/07/2026

Version: 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product Identifier

Product Name: Isobornyl Cyclohexanol

CAS Number: 3407-42-9

EC Number: 222-294-1

Other Identifiers: Isocamphyl Cyclohexanol; Sandal Hexanol; IBCH

1.2 Recommended Use

Fragrance and aromatic applications.

Not for ingestion or pharmaceutical use.

1.3 Supplier Details

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar, Dubai, United Arab Emirates

Telephone: +971 505 197 601

Email: info@aromology.com

Website: www.aromology.com

1.4 Emergency Telephone Number

+971 505 197 601

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (UN GHS)

- Hazardous to the Aquatic Environment, Chronic — Category 2

2.2 Label Elements

Signal Word: Warning

Hazard Statements:

- H411 – Toxic to aquatic life with long-lasting effects

Precautionary Statements:

- P273 Avoid release to the environment
- P391 Collect spillage
- P501 Dispose of contents/container in accordance with local regulations

2.3 Other Hazards

No additional hazards known under normal conditions of use. Avoid direct skin/eye contact and avoid release to the environment.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Single-substance fragrance material.

3.2 Components

Component	CAS No.	Typical %	Classification
Isobornyl Cyclohexanol	3407-42-9	≥ 98%	Aquatic Chronic 2, H411

Other constituents, if present as trace impurities, are not expected to affect the stated classification.

SECTION 4: FIRST-AID MEASURES

4.1 First Aid Instructions

Inhalation: Move to fresh air; seek medical attention if symptoms persist.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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

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

4.2 Symptoms

- May cause discomfort after prolonged or repeated contact
- Possible mild irritation to eyes or skin
- Ingestion may cause gastrointestinal discomfort

4.3 Medical Attention

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, dry chemical, foam or water spray.

5.2 Hazards from Combustion

May release carbon monoxide, carbon dioxide and unidentified organic compounds during combustion.

5.3 Firefighter Protection

Wear self-contained breathing apparatus and protective clothing in poorly ventilated conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Avoid inhalation and skin/eye contact. Ensure adequate ventilation.

6.2 Environmental Precautions

Prevent entry into soil, drains and waterways.

6.3 Cleanup Methods

Absorb with sand, earth or other inert material. Transfer to suitable labelled containers for disposal. Ventilate area and remove ignition sources.

SECTION 7: HANDLING AND STORAGE

7.1 Handling

Avoid direct contact with skin and eyes. Avoid breathing vapour or mist. Do not eat, drink or smoke while handling.

7.2 Storage

Store tightly sealed in a cool, dry and well-ventilated place, away from heat, ignition sources and incompatible materials.

7.3 Specific Uses

Fragrance applications.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limits

No occupational exposure limits established.

8.2 Exposure Controls

Eye Protection: Safety goggles recommended where splashing is possible.

Skin Protection: Chemical-resistant gloves.

Respiratory: Not required under normal ventilation; use suitable organic vapour protection if vapours accumulate.

Hygiene Measures: Wash hands after handling. Keep away from food and drink.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Colourless to pale yellow clear viscous liquid
- Odour: Woody, sandalwood-like, sweet
- Molecular Formula: C₁₆H₂₈O
- Molecular Weight: 236.39 g/mol
- Flash Point: Approx. 110°C
- Boiling Point: Approx. 302°C
- Relative Density: Approx. 0.97 g/mL
- pH: Not applicable / not determined
- Solubility: Insoluble in water
- Vapour Pressure: Not determined
- Auto-Ignition Temperature: Not determined

- Flammability: Combustible liquid; not classified as highly flammable
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactivity expected under normal handling conditions.

10.2 Stability

Stable under normal storage conditions.

10.3 Hazardous Reactions

None known under recommended use and storage conditions.

10.4 Conditions to Avoid

Extreme heat, open flames, sparks and direct sunlight.

10.5 Incompatible Materials

Strong oxidising agents, strong acids and strong alkalis.

10.6 Hazardous Decomposition

Carbon monoxide, carbon dioxide and unidentified organic compounds may form during combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

- Oral LD50: Not available
- Dermal LD50: Not available
- Inhalation: Not available

Effects:

- Not classified for acute toxicity based on available information
 - May cause mild irritation after prolonged or repeated exposure
 - No mutagenicity, carcinogenicity or reproductive toxicity data indicating classification
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long-lasting effects.

12.2 Persistence & Degradability

Not available.

12.3 Bioaccumulation

Not available.

12.4 Mobility

Not available.

12.5 Other Adverse Effects

Avoid release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, regional and national regulations.

Avoid release into the environment.

Containers should be taken to approved waste facilities.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Isobornyl Cyclohexanol)

Class: 9

Packing Group: III

Marine Pollutant: Yes

Note: Transport classification may depend on package size, concentration and applicable modal regulations.

SECTION 15: REGULATORY INFORMATION

No additional regulatory restrictions identified for the stated fragrance raw material use. Users must ensure compliance with applicable local regulations.

SECTION 16: OTHER INFORMATION

This SDS provides general safety and handling information for Isobornyl Cyclohexanol.

The information is provided in good faith and is intended for use by trained personnel handling fragrance raw materials.

Approved by

Aromology Trading LLC

Authorised by:

Fozia Khot

Director