

Material Safety Data Sheet (MSDS)

Isoborneol

CAS Number: 124-76-5

Prepared by: Triveni Chemicals

Revision Date: 25-June-2025

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Isoborneol

Synonyms: 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol

Recommended Use: Flavor and fragrance intermediate, organic synthesis

Supplier:

Triveni Chemicals

Office No. 123-124, Pancharatna,

Char Rasta, GIDC,

Vapi - 396195, Gujarat, India

 +91-9696960250

 info@trivenichemical.com

 +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618

 info@triveniinterchem.com | info@trivenichemical.com

 www.triveniinterchem.com | www.trivenichemical.com

 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India



www.chemicalbull.com

GROUP OF Triveni CHEMICALS

SECTION 2: Hazards Identification

GHS Classification:

- Eye irritation (Category 2B), H320

Signal Word: *Warning*

Hazard Statements:

- H320: Causes eye irritation

Precautionary Statements:

- P264: Wash hands thoroughly after handling
- P280: Wear protective gloves/eye protection
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do — continue rinsing
- P337+P313: If eye irritation persists: Get medical advice/attention

SECTION 3: Composition/Information on Ingredients

Component	CAS No.	Content
-----------	---------	---------

Isoborneol	124-76-5	≥98%
------------	----------	------

SECTION 4: First-Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse with water for at least 15 minutes. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical attention if discomfort occurs.

SECTION 5: Firefighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam

Specific Hazards: Combustible solid; may form irritating fumes if burned

Protective Equipment: Use SCBA and protective clothing

SECTION 6: Accidental Release Measures

Personal Precautions: Wear gloves and goggles. Avoid dust generation. Ensure ventilation.

Environmental Precautions: Prevent entry into drains or waterways

Cleanup Methods: Sweep up and place in suitable containers for disposal according to local regulations

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes and skin. Handle in well-ventilated areas.

Storage: Store in a tightly closed container in a cool, dry, well-ventilated area away from ignition sources

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits: Not established

Engineering Controls: Provide local exhaust ventilation if dust generated

Personal Protective Equipment (PPE):

- Protective gloves
- Safety goggles
- Protective clothing

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Powder
Odor	Camphoraceous, mild
Boiling Point	Not determined
Melting Point	212–214 °C
Flash Point	93.4°C
Autoignition Temperature	Not determined
Density	Not determined
Solubility	Not determined

SECTION 10: Stability and Reactivity

Stability: Stable under normal storage conditions

Incompatibility: Strong oxidizers, strong acids

Decomposition Products: Carbon monoxide, carbon dioxide

Reactivity: No hazardous polymerization known

SECTION 11: Toxicological Information

- **Oral LD₅₀ (Rat):** >5000 mg/kg (estimated)
- **Skin Effects:** Generally non-irritating
- **Eye Effects:** May cause mild to moderate irritation
- **Respiratory Effects:** Dust may cause mild irritation

SECTION 12: Ecological Information

- **Biodegradability:** Expected to be readily biodegradable
- **Aquatic Toxicity:** Low hazard
- **Bioaccumulation:** Low potential

SECTION 13: Disposal Considerations

Dispose of product and container according to local and national regulations. Avoid release to the environment.

SECTION 14: Transport Information

- **UN Number:** Not regulated
- **Proper Shipping Name:** Isoborneol
- **Hazard Class:** Not applicable
- **Packing Group:** Not applicable

SECTION 15: Regulatory Information

- TSCA listed (US)
- Complies with MSIHC Rules (India)
- Not listed under REACH SVHC

SECTION 16: Other Information

Prepared By: Triveni Chemicals, Regulatory Affairs Department

Disclaimer:

The information above is believed to be correct but does not claim to be exhaustive. Users are responsible for verifying suitability under their actual conditions of use. **Triveni Chemicals** disclaims any liability for damage resulting from handling or contact.