



GROUP OF **Triveni** CHEMICALS  
CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594

GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

## Material Safety Data Sheet (MSDS)

**Helional**

**CAS Number:** 1205-17-0

**Prepared by:** Triveni Chemicals

**Revision Date:** 25-June-2025

**Version:** 1.0

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

**Product Name:** Helional

**Synonyms:** 3-(p-Methylphenyl)-2-methylpropanal

**Recommended Use:** Fragrance ingredient

**Supplier:**

**Triveni Chemicals**

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## SECTION 2: Hazards Identification

### GHS Classification:

- Skin sensitization (Category 1B), H317
- Aquatic chronic toxicity (Category 2), H411

**Signal Word:** *Warning*

### Hazard Statements:

- H317: May cause an allergic skin reaction
- H411: Toxic to aquatic life with long lasting effects

### Precautionary Statements:

- P261: Avoid breathing vapors
- P272: Contaminated work clothing should not be allowed out of the workplace
- P273: Avoid release to the environment
- P280: Wear protective gloves
- P302+P352: IF ON SKIN: Wash with plenty of water
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention
- P501: Dispose of contents/container in accordance with local regulations

## SECTION 3: Composition/Information on Ingredients

Component	CAS No.	Content
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Helional	1205-17-0	≥95%
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## SECTION 4: First-Aid Measures

- Inhalation:** Move to fresh air. Seek medical attention if symptoms occur.
- Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- Eye Contact:** Rinse cautiously with water for several minutes. Seek medical advice if irritation develops.
- Ingestion:** Rinse mouth. Seek medical advice if discomfort occurs.

## SECTION 5: Firefighting Measures

**Suitable Extinguishing Media:** Dry chemical, foam, carbon dioxide

**Specific Hazards:** May form combustible mixtures with air

**Protective Equipment:** Use SCBA and protective clothing



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## SECTION 6: Accidental Release Measures

**Personal Precautions:** Wear gloves and goggles. Provide adequate ventilation.

**Environmental Precautions:** Avoid release to drains or surface waters

**Cleanup Methods:** Absorb with inert material such as sand. Dispose of according to local regulations

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## SECTION 7: Handling and Storage

**Handling:** Avoid contact with skin and eyes. Use with good ventilation.

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

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## SECTION 8: Exposure Controls / Personal Protection

**Exposure Limits:** Not established

**Engineering Controls:** Provide local exhaust ventilation

**Personal Protective Equipment (PPE):**

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- Protective gloves
- Safety goggles
- Protective clothing

## SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	liquid
Odor	Fresh, marine, floral
Boiling Point	~282°C
Melting Point	-5 °C
Flash Point	93.3°C (closed cup)
Autoignition Temperature	Not determined
Density	~1.02 g/cm³
Solubility	Not determined



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## SECTION 10: Stability and Reactivity

**Stability:** Stable under recommended storage conditions

**Incompatibility:** Strong oxidizing agents

**Decomposition Products:** Carbon monoxide, carbon dioxide

**Reactivity:** No hazardous polymerization expected

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## SECTION 11: Toxicological Information

- **Oral LD<sub>50</sub> (Rat):** >3000 mg/kg (estimated)
  - **Skin Effects:** May cause sensitization
  - **Eye Effects:** May cause mild irritation
  - **Respiratory Effects:** No known significant hazards under normal conditions
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## SECTION 12: Ecological Information

- **Biodegradability:** Expected to be readily biodegradable
- **Aquatic Toxicity:** Toxic to aquatic organisms with long-term effects
- **Bioaccumulation:** Low to moderate potential

## SECTION 13: Disposal Considerations

Dispose of product and container in accordance with local, regional, and national regulations. Avoid release to the environment.

## SECTION 14: Transport Information

- **UN Number:** Not regulated
- **Proper Shipping Name:** Helional
- **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



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## 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.

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