

Material Safety Data Sheet (MSDS)

Hexyl Acetate

CAS Number: 142-92-7

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: Hexyl Acetate

Synonyms: Acetic acid, hexyl ester

Recommended Use: Fragrance ingredient, flavoring agent, solvent

Supplier:

Triveni Chemicals

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SECTION 2: Hazards Identification

GHS Classification:

- Flammable liquid (Category 3), H226
- Eye irritation (Category 2B), H320

Signal Word: *Warning*

Hazard Statements:

- H226: Flammable liquid and vapor
- H320: Causes eye irritation

Precautionary Statements:

- P210: Keep away from heat/sparks/open flames
- 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
- P403+P235: Store in a well-ventilated place. Keep cool

SECTION 3: Composition/Information on Ingredients

Component	CAS No.	Content
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Hexyl Acetate	142-92-7	≥98%
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SECTION 4: First-Aid Measures

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

SECTION 5: Firefighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam

Specific Hazards: Vapors may form explosive mixtures with air

Protective Equipment: Use self-contained breathing apparatus and protective gear

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SECTION 6: Accidental Release Measures

Personal Precautions: Use gloves, goggles. Ensure ventilation. Keep away from ignition sources.

Environmental Precautions: Prevent release to drains or waterways

Cleanup Methods: Absorb with inert material (e.g. sand). Dispose of according to local regulations

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes and skin. Use in well-ventilated areas. Keep away from heat and open flames.

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

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits: Not established

Engineering Controls: Local exhaust recommended

Personal Protective Equipment (PPE):

- Protective gloves
- Safety goggles
- Protective clothing

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Colorless liquid
Odor	Fruity, apple-like
Boiling Point	171 °C
Melting Point	-80 °C
Flash Point	56 °C (closed cup)
Autoignition Temperature	Not determined
Density	~0.87 g/cm ³
Solubility	Not determined

SECTION 10: Stability and Reactivity

Stability: Stable under recommended 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
- **Skin Effects:** Mild irritation possible
- **Eye Effects:** Irritating to eyes
- **Respiratory Effects:** Vapors may cause mild irritation

SECTION 12: Ecological Information

- **Biodegradability:** Readily biodegradable
- **Aquatic Toxicity:** Low hazard to aquatic life
- **Bioaccumulation:** Low potential

SECTION 13: Disposal Considerations

Dispose of in accordance with local and national regulations. Avoid release to the environment.

SECTION 14: Transport Information

- **UN Number:** 1993
- **Proper Shipping Name:** Flammable liquid, n.o.s. (contains Hexyl Acetate)
- **Hazard Class:** 3
- **Packing Group:** III

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.