



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Ethyl Acetate (ACS Grade)**
- **Synonyms:** Acetic Acid Ethyl Ester, Ethyl Ethanoate, EA

Manufacturer/Supplier:

Swadesh (India) Chemical Pvt. Ltd.

Address:

Survey No: 512, Plot No. 7,
Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC,
Dehgam, Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business@swadeshindia.in
- Website: www.swadeshindia.in

Recommended Use:

- Industrial solvent, pharmaceutical production, flavoring agent, coating formulations

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Ethyl Acetate	141-78-6	≥99.5%

Additional Notes:

- Contains no hazardous additives



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Flammable Liquid (Category 2, H225)
- Eye Irritation (Category 2, H319)
- Drowsiness/Dizziness (Category 3, H336)

Hazard Statements (H-Codes):

- Highly flammable liquid and vapor
- Causes serious eye irritation
- May cause drowsiness or dizziness

Precautionary Statements (P-Codes):

- P210: Keep away from heat/sparks/open flames
- P280: Wear protective gloves/eye protection
- P303+P361+P353: IF ON SKIN: Remove contaminated clothing, rinse skin

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 immediately with water for 15 mins; seek medical advice
- **Ingestion:** Rinse mouth; do NOT induce vomiting. Call a doctor

5. FIRE FIGHTING MEASURES

- Extinguishing Media: Alcohol-resistant foam, CO₂, dry chemical
- Flash Point: -4°C (closed cup)
- Autoignition Temp.: 426°C
- Explosion Limits: 2.0-11.5% (v/v in air)

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- Personal Precautions: Wear appropriate PPE
- Containment Methods: Contain spill with inert absorbent material
- Environmental Precautions: Prevent entry into sewers or water courses



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7. HANDLING AND STORAGE

- **Handling:**
 - Use only in well-ventilated areas. Ground all equipment
- **Storage:**
 - Store in tightly closed containers in cool, well-ventilated area away from heat sources

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Use local exhaust ventilation
- **PPE:**
 - **Respiratory:** NIOSH-approved respirator if ventilation is inadequate
 - **Skin Protection:** Chemical-resistant gloves (nitrile recommended)
 - **Eye Protection:** Chemical goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, colorless liquid
Odor	Characteristic fruity
Boiling Point	77°C
Melting Point	-84°C
Density (20°C)	0.902 g/cm ³
Solubility in Water	8.3 g/100 mL (water)

10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable under recommended conditions

Incompatible Materials:

- Strong oxidizers, strong acids, strong bases



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- LC_{50} (rat): 5,620 mg/kg (oral)

Skin Effects:

- May cause mild irritation

Eye Irritation:

- Causes serious eye irritation

12. ECOLOGICAL INFORMATION

- **Biodegradability:** Readily biodegradable
- **Aquatic Toxicity:** LC_{50} (Fish): 200-300 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Dispose in accordance with local regulations

14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not classified as dangerous goods

15. REGULATORY INFORMATION

India:

- Compliant with CPCB regulations

International:

- REACH registered
- OSHA compliant



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16. ADDITIONAL INFORMATION

Revision Date :20/04/24

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.