

Material Safety Data Sheet (MSDS)

Product Name: Vitamin E Acetate NHU (Liquid)

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Vitamin E Acetate NHU (Liquid)
- **Synonyms:** dl-alpha-Tocopheryl Acetate
- **Intended Use:** Pharmaceutical, nutraceutical, cosmetic, and food additive.

2. Hazards Identification

- Not classified as hazardous according to GHS.
- Possible hazards: May cause mild skin or eye irritation.
- Environmental: Not considered hazardous to the environment.

3. Composition/Information on Ingredients

- **Chemical Name:** Vitamin E Acetate
- **CAS Number:** 7695-91-2

- **Molecular Formula:** C₃₁H₅₂O₃
 - **Concentration:** ≥ 98%
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4. First Aid Measures

- **Inhalation:** Move to fresh air if inhaled.
 - **Skin Contact:** Wash with soap and water.
 - **Eye Contact:** Rinse with plenty of water for several minutes.
 - **Ingestion:** Rinse mouth; seek medical attention if discomfort occurs.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Foam, CO₂, dry chemical, water spray.
 - **Special Hazards:** Thermal decomposition may release fumes.
 - **Protective Equipment:** Use self-contained breathing apparatus.
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6. Accidental Release Measures

- Absorb with inert material (sand, earth, etc.).
 - Prevent entry into drains and waterways.
 - Wear protective equipment during cleanup.
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7. Handling and Storage

- Handle in accordance with good hygiene practices.
 - Store in tightly closed containers, cool, dry, and ventilated place.
 - Protect from light and heat.
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8. Exposure Controls/Personal Protection

- **Engineering Controls:** Ensure good ventilation.
- **Personal Protection:** Gloves, goggles, protective clothing.
- **Respiratory Protection:** Not required under normal use.

9. Physical and Chemical Properties

- **Appearance:** Clear to pale yellow viscous liquid
- **Odor:** Practically odorless
- **Boiling Point:** >200°C
- **Flash Point:** >170°C
- **Solubility:** Insoluble in water; soluble in oils and organic solvents
- **Stability:** Stable under recommended storage

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Conditions to Avoid:** Excessive heat, light, and strong oxidizers.
- **Hazardous Decomposition:** CO, CO₂, and irritating fumes.

11. Toxicological Information

- **Acute Toxicity:** Low oral toxicity.
- **Skin Contact:** May cause mild irritation.
- **Eye Contact:** May cause mild irritation.
- **Inhalation:** Unlikely route of exposure.

12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful.
- **Persistence and Degradability:** Biodegradable.
- **Bioaccumulation:** Low potential.

13. Disposal Considerations

- Dispose of in accordance with local regulations.
- Avoid release into the environment.

14. Transport Information (Detailed)

- **UN Number:** Not applicable (Non-hazardous material).
- **Proper Shipping Name:** Vitamin E Acetate Solution (Liquid, Non-Hazardous).
- **Transport Hazard Class:** Not classified as dangerous goods.
- **Packing Group:** Not applicable.
- **Labeling Requirements:** None required under GHS.
- **Land Transport (ADR/RID):** Not regulated.
- **Sea Transport (IMDG):** Not regulated; keep containers tightly closed and protected from direct sunlight and heat.
- **Air Transport (IATA/ICAO):** Not regulated; ensure packaging prevents leakage.
- **Special Precautions:**
 - Avoid transporting with strong oxidizers.
 - Transport in sealed containers to prevent spillage.
 - Maintain temperature control to avoid quality degradation.
 - Ensure labeling with product name and batch number for traceability.

15. Regulatory Information

- Complies with standards for pharmaceutical, cosmetic, and food use.
- Not listed as hazardous under international chemical inventories.

16. Other Information

- The information provided is based on current knowledge and is intended for safety guidance.
- Users must ensure suitability for their specific applications
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024

- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.