

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

- **Product Name:** Vitamin E Complex Powder
- **Synonyms:** d-Alpha-Tocopherol, dl-Alpha-Tocopherol Acetate
- **CAS Number:** 59-02-9 (Tocopherol), 7695-91-2 (Tocopheryl Acetate)
- **Recommended Use:** Dietary supplement, cosmetic ingredient, antioxidant
- **Manufacturer/Supplier Information:**
 - **Name:** UnitedBioScience
 - **Address:** 500 Simmon Dr. Osceola, WI 54020
 - **Phone Number:** +1-651-464-2822
 - **Email Address:** sales@unitedbiosci.com

SECTION 2: HAZARD IDENTIFICATION

- **GHS Classification:** Not classified as hazardous
- **Signal Word:** None
- **Hazard Statements:** None
- **Precautionary Statements:**
 - P264: Wash hands thoroughly after handling
 - P280: Wear protective gloves and eye protection if handling in bulk
 - P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical Name:** Vitamin E (Tocopherol, Tocopheryl Acetate)
- **Concentration:** 100%
- **CAS Numbers:** See Section 1

SECTION 4: FIRST-AID MEASURES

- **Eye Contact:** Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water. If irritation develops, seek medical attention.
- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.

- **Ingestion:** Rinse mouth with water. Seek medical attention if large amounts are ingested.

SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, or CO₂
- **Specific Hazards:** May decompose under heat to emit toxic fumes.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Avoid contact with skin and eyes. Wear protective gloves and safety goggles if handling in bulk.
- **Environmental Precautions:** Prevent release into waterways or soil.
- **Cleanup Methods:** Contain spill and collect material for disposal in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Use with adequate ventilation. Avoid prolonged skin and eye contact.
- **Storage:** Store in a cool, dry place away from direct sunlight and incompatible substances.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure Limits:** No specific occupational exposure limits established.
- **Engineering Controls:** Ensure adequate ventilation.
- **Personal Protective Equipment (PPE):**
 - Eye Protection: Safety goggles if handling in bulk
 - Skin Protection: Protective gloves if prolonged handling
 - Respiratory Protection: Use NIOSH-approved respirator if dust or vapors are generated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Yellow to amber-colored oil or solid
- **Odor:** Mild to odorless
- **Melting Point:** ~3°C (Tocopherol), ~27°C (Tocopheryl Acetate)
- **Boiling Point:** Decomposes before boiling

- **Solubility:** Insoluble in water, soluble in oils and organic solvents
- **Flash Point:** >200°C

SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions
- **Incompatible Materials:** Strong oxidizing agents, acids
- **Hazardous Decomposition Products:** Toxic fumes of carbon monoxide and carbon dioxide upon combustion

SECTION 11: TOXICOLOGICAL INFORMATION

- **Routes of Exposure:** Inhalation, ingestion, skin/eye contact
- **Acute Toxicity:** LD50 (oral, rat) > 4000 mg/kg
- **Chronic Effects:** Not expected to cause chronic health effects
- **Carcinogenicity:** Not classified as a carcinogen

SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicity:** Not expected to be hazardous to the environment at low concentrations
- **Persistence and Degradability:** Readily biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

- **Waste Disposal:** Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

- **DOT Classification:** Not regulated
- **IATA/IMDG:** Not classified as hazardous

SECTION 15: REGULATORY INFORMATION

- **TSCA:** Listed
- **EU Classification:** Not classified as hazardous



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SECTION 16: OTHER INFORMATION

- **SDS Revision Date:** 06/01/2024
 - **Prepared By:** UNITEDBIOSCIENCE
 - **Disclaimer:** This SDS is provided for informational purposes only and is not legally binding. Users should determine suitability for their specific application.
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