



Revision Date: June 20, 2018

SAFETY DATA SHEET

TOCOPHEROL VITAMIN E T-50

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name: Tocopherol Vitamin E T-50
Use: Antioxidant, dietary supplement, Food industry
Synonyms: Mixed Tocopherol Concentrate

Company: Chemistry Connection
253 Sturgis Rd,
Conway, AR 72034
Phone: 501-470-9689

Emergency: Chemtrec: 800-424-9300

2. COMPOSITION/ INFORMATION ON INGREDIENTS

General Chemical
Description: Mixed Tocopherol Concentrate

Component	CAS-No.	Concentration (Wt. %)
Mixed Tocopherols	1406-66-2	>= 50
Soybean oil, low linoleic	8001-22-7	<= 50

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Notice: Low hazard for usual industrial or commercial handling.
Delivery State: Liquid, Oil
State: Liquid, viscous
Odor: Mild or fatty acids
Color(s): Brownish, red
Routes of Entry: Skin contact, Ingestion

Potential Health Acute Effects

Inhalation: Considered to be non-toxic based on toxicological data for Components
Skin Contact: Not irritating
Eye Contact: May cause eye irritation.
Ingestion: Considered practically non-toxic.
Potential Chronic Health Effects: None known

4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin Contact:	Wash thoroughly with soap and water. If adverse health effects develop seek medical attention.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion:	Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	572 °F (300.00 °C) ASTM D3278;; Seta flash Closed Cup
Flammable/Explosive Limits:	Lower limits: Not determined. Upper limits: Not determined.
Suitable Extinguishing Media:	Water Spray, foam, Carbon dioxide, dry chemical
Unusual Fire/Explosion Hazards:	None known
Hazardous Combustion Products:	None known

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear adequate personal protective clothing and equipment.
Environmental Precautions:	Add dry material to absorb spill (if large spill, dike to contain).
Clean Up Methods:	Pick up spilled material and containerize for recovery or disposal. Flush area with water to remove residues.

7. HANDLING AND STORAGE

Handling Advice:	Ensure adequate ventilation.
Storage Conditions:	Store in a cool, dry place. Keep away from heat and direct sunlight. Store in sealed original container. Temperatures between + 15 °C and + 30 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

System Design: Ensure adequate ventilation.

Personal Protection Measures

Respiratory Protection: Not applicable with adequate ventilation.

Hand Protection: No special protection needed under normal conditions of use.

Eye Protection: Safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Delivery State: Liquid, oil
State: Liquid, viscous
Odor: Characteristic
Color(s): Brownish, Red
Boiling Point: > 200 °C (> 392°F)
Density: 0.930 g/cm³
Solubility in Water: Negligible (< 0.1 %)
Analysis of Volatile Matter: 0 %
Analysis of Volatile
Organic Components: 0 %

10. STABILITY AND REACTIVITY

Conditions to Avoid: None if used for intended purpose.

Hazardous Decomposition
Products: None if used for intended purpose.

Decomposition Advices: No decomposition if used according to specifications.

Materials to Avoid: None known

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: LD₅₀ > 5000 mg/kg body weight
Acute Dermal Toxicity: LD₅₀ > 2000 mg/kg body weight
Skin Irritation: Not irritating
Eye Irritation: Not irritating

12. ECOLOGICAL INFORMATION

General Ecological
Information: No data available

Acute Fish Toxicity: LC₅₀ > 100 mg product/l.

Acute Bacterial Toxicity: EC0 > 100 mg product/l.

Ultimate Biodegradation: The total of the organic components contained in the product achieve values below 60% BOD/COD or CO₂ liberation, or below 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method. 301) are not reached.

13. DISPOSAL CONSIDERATIONS

Waste Disposal of Product: Dispose of in an approved landfill in accordance with federal, state / provincial and local regulations.
This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

14. TRANSPORT INFORMATION

General Information: Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

15. REGULATORY INFORMATION

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard
Categories: None

TSCA 12(b) Components: None

SARA 313 Toxic Chemicals: None

SARA 302 Extremely
Hazardous Substances: None

CERCLA Hazardous
Chemicals: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

16. OTHER INFORMATION

NFPA Rating (US)	Value	HMIS Rating	Value
Health	1	Health	1
Fire	1	Flammability	1
Reactivity	0	Reactivity	0
Special Hazard			

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