

# SAFETY DATA SHEET

## TOCOPHEROL T-50 (VITAMIN E)

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Tocopherol T-50 (Vitamin E)

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

**Appearance:**

Pale-yellow to Reddish-brown clear oily liquid

**Hazards Identification:**

This substance is considered to be non-hazardous for transport.

**Potential Chronic Health Effects:**

**CARCINOGENIC EFFECTS:**

Not available

**MUTAGENIC EFFETS:**

Not available

**TERATOGENIC EFFECTS:**

Not available

**DEVELOPMENTAL TOXICITY:**

Not available

**Repeated or prolonged exposure is not known to aggravate medical condition**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Mixed Tocopherols	N/A	50.0
Refined soybean oil	8001-22-7	50.0

#### 4. FIRST AID MEASURES

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:**

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

**Serious Skin Contact:**

Not available.

**Ingestion:**

Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Serious Ingestion:**

Not available.

**Inhalation:**

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**Serious Inhalation:**

Not available.

#### 5. FIRE FIGHTING MEASURES

**Flash Point: 210.2°C.**

Flammable Limits

**LEL:**

Not Established

**UEL:**

Not Established

**Extinguishing Media:**

Dry Chemical, Carbon Dioxide, Foam

**Special Firefighting Procedures:**

Combustible material. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.

**Unusual Fire & Explosion Hazards:**

Not established.

**6. ACCIDENTAL RELEASE MEASURES**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

**7. HANDLING AND STORAGE**

**Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:**

Do not store in direct sunlight. Store in a tightly closed container. Store in a cool, dry area away from incompatible substances. Keep under an argon blanket.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Personal Protection:**

Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

**Exposure Limits:**

Not available

**OSHA Vacated PELs:**

Mixed Tocopherols

No OSHA Vacated PELs are listed for this chemical.

**Personal Protective Equipment.**

**Eyes:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

A respiratory protection program that meets OSHA's 29 CFR :1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Pale-yellow to Reddish-brown clear oilyliquid
Odor	Vegetable oil taste.
Molecular Weight	N/A
Vapor Pressure	Not available
Vapor density	Greater than Air
Evaporation Rate	Negligible.
Viscosity	Not available
Boiling point	485.9°C at 760mmHg
Freezing/Melting Point	2.5~ 3.5°C
Decomposition Temperature	Not available
Acid value	Not available
Peroxide value	Not available
Solubility in water	Not soluble
Specific gravity/density	(H2O-1) about 0.93 25°C
Boiling point	485.9°C at 760mmHg
Freezing/Melting Point	2.5~ 3.5°C
Decomposition Temperature	Not available
Acid value	Not available
Peroxide value	Not available
Solubility in water	Not soluble
Specific gravity/density	(H2O-1) about 0.93 25°C

## 10. STABILITY AND REACTIVITY

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

High temperatures, incompatible materials, dust generation.

**Incompatibilities with Other Materials:**

Not available.

**Hazardous Decomposition Products:**

Not available

**Hazardous Polymerization:**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Mixed Tocopherols**

**Toxicity to Animals:**

**Oral LD50(Rat): 5000 mg/kg; Inhalation LC50(Rat):**

Not available

**Dermal LD50(Rat):**

2000 mg/kg(highest dose tested)

**Skin irritation (guinea pig):**

none

**Repeated skin application (guinea pig):**

slight irritation

**Skin sensitization (guinea pig):**

none

**Eye irritation (rabbit):**

slight

**Carcinogenicity:**

**Mixed Tocopherols**

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Epidemiology:**

No information available.

**Teratogenicity:**

No information available.

**Reproductive Effects:**

No information available.

**Neurotoxicity:**

No information available.

**Mutagenicity:**

No information available.

**Other Studies:**

See actual entry in RTECS for complete information.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Not available

**BOD5 and COD:**

Not available

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the products of Biodegradation:**

The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:**

Not available

## 13. DISPOSAL CONSIDERATIONS

**Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.**

US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:**

None listed.

**RCRA U-Series:**

None listed.

**14. TRANSPORT INFORMATION**

**US DOT**

No information available

**Canadian TDG**

No information available

**15. REGULATORY INFORMATION**

**US FEDERAL**

**TSCA**

Mixed tocopherols are listed on the TSCA inventory.

**Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Reporting List. Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule. Section 12b None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

**Section 302 (RQ)**

None of the chemicals in this material have an RQ. Section 302 (TPQ)

None of the chemicals in this product have a TPQ. Section 313

No chemicals are reportable under Section 313.

**Clean Air Act:**

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

**Clean Water Act:**

None of the chemicals in this product are listed as Hazardous

**16. OTHER INFORMATION**

**All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this**



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