

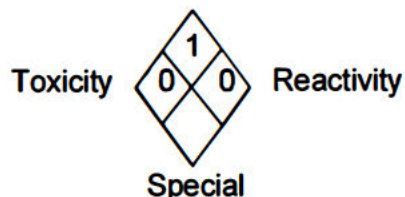
**TOCOPHEROLS, NATURAL T50 VITAMIN E**

CAS NO: 1406-66-2

**NFPA HAZARD RATING**

4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant

Flammability



**HMIS HAZARD INDEX (Hazardous Materials Identification System)**

4 - Severe  
3 - Serious  
2 - Moderate  
1 - Slight  
0 - Minimal

**HMIS RATINGS**

Health 0  
Flammability 1  
Reactivity 0  
Personal Protection     

**SECTION I - DIVISION AND LOCATION**

**Division:** TKB TRADING, LLC  
**Location:** 1101 9th Avenue, Oakland, CA 94606

**SECTION II - CHEMICAL AND PHYSICAL PROPERTIES**

|   |   |
|---|---|
| <b><u>Chemical Name</u></b>                     | 90% tocopherols                                 |
| <b><u>Formula</u></b>                           | Tocopherols                                     |
| <b><u>Hazardous Decomposition Products</u></b>  | Carbon monoxide and carbon dioxide from burning |
| <b><u>Incompatibility (Keep Away From)</u></b>  | Strong oxidizing agents                         |
| <b><u>Toxic and Hazardous Ingredients</u></b>   | None  |
| <b><u>Form</u></b>                              | Viscous liquid                                  |
| <b><u>Appearance</u></b>                        | Liquid  |
| <b><u>Specific Gravity (water = 1)</u></b>      | None  |
| <b><u>Boiling Point</u></b>                     | None  |
| <b><u>Melting Point</u></b>                     | Yellow to brownish                              |
| <b><u>Solubility in Water (by weight %)</u></b> | Less than 1 at 15°C                             |
| <b><u>Volatile (by weight %)</u></b>            | Not applicable                                  |
| <b><u>Evaporation Rate</u></b>                  | Not applicable                                  |
| <b><u>Vapor Pressure (mm Hg at 20°C)</u></b>    | Not applicable                                  |
| <b><u>Vapor Density (air = 1)</u></b>           | Not applicable                                  |
| <b><u>pH (as is)</u></b>                        | Not applicable                                  |
| <b><u>Stability</u></b>                         | Product is stable under normal conditions       |
| <b><u>Viscosity SUS at 100°F</u></b>            | Not available                                   |

## MATERIAL SAFETY DATA SHEET

TOCOPHEROLS, NATURAL T50 VITAMIN E

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### **SECTION III - FIRE AND EXPLOSION DATA**

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**Special Fire Fighting Procedures**

Self-contained breathing apparatus is recommended for firefighters. Apply water spray gently; heavy application of hot oil could cause foaming. Avoid contact with hot oil.

**Unusual Fire and Explosion Hazards**

None

**Flashpoint**

Not applicable

**Flammable Limits %**

Not data available

**Extinguishing Agents**

Dry chemical water spray, CO<sub>2</sub> foam or Sand/Earth.

Closed containers exposed to fire may be cooled with water

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### **SECTION IV - HEALTH HAZARD DATA**

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**Chronic Effects of Overexposure**

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA

**Acute Toxicological Properties**

No data available

**Emergency First Aid Procedures**

**Eyes**

Flush with large amounts of water for at least 15 minutes. If irritation persists, call a physician

**Skin Contact**

Not applicable

**Inhalation**

Not applicable

**If Swallowed**

Not applicable

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### **SECTION V - SPECIAL PROTECTION INFORMATION**

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**Respiratory Protection (Specify Type)**

None

**Protective Gloves**

Usually not needed

**Eye Protection**

Usually not needed

**Other Protective Equipment**

None

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### **SECTION VI - HANDLING OF SPILLS OR LEAKS**

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#### **Procedures for Clean-Up**

Shut off leak and dike up large spills. Absorb with an inert material such as earth, sand or vermiculite. Sweep up and dispose of in accordance with Federal, State, and Local regulations

#### **Waste Disposal**

Dispose of in accordance with all applicable Federal, State, and Local regulations

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### **SECTION VII - SPECIAL PRECAUTIONS**

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#### **Precautions to be taken in handling and storage**

#### **Recommended Storage Temperatures**

#### **Other Precautions**

Keep away from heat and flames

Do not store near strong oxidizing agents

65°F to 85°F

Do not keep soiled rags or other absorbent type materials under high temperature and or closed conditions in the presence of oxygen.

**Title**      Quality Control Department  
**Date**      September 6, 2012

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