

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Vitamin E (USP Cosmetic Grade) - Raw Material
Synonyms	:	D-alpha-tocopherol
INCI name	:	Tocopherol
CAS #	:	59-02-9
Country of Origin	:	China
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Not classified as hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.

### GHS Label elements, including precautionary statements

Signal: Not applicable

### Hazard statement(s)

Not applicable.

### Precautionary statement(s)

Not applicable.

## 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Refined Soybean Oil	8001-22-7	232-274-4	Not more than 33 %
D-Alpha-Tocopherol	59-02-9	-	67 - 87 %

\* None of the components of this product is classified hazardous.

## 4. FIRST AID MEASURES

### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

### Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

### Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

### **Ingestion**

Seek medical attention or contact local poison control center.

## **5. FIRE FIGHTING MEASURES**

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### **Suitable extinguishing media**

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam.

### **Unsuitable extinguishing media**

Water jet.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## **7. HANDLING AND STORAGE**

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### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for safe storage, including any incompatibilities**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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### **Exposure 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.

### **Eyes**

Use tightly sealed goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

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.

### **Ingestion**

Not for ingestion.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	:	Golden yellow to reddish liquid.
Odor	:	Mild odor.
pH	:	Not available.
Melting Point/Freezing Point	:	2.5 to 3.5 °C
Initial b.p and boiling range	:	200 to 220 °C
Vapor pressure	:	Not available.
Relative density	:	0.945 to 0.965 @ 20°C
Solubility (ies)	:	Insoluble in water.
Partition coefficient	:	Not available.
Auto-ignition temperature	:	Not available.
Refractive index	:	1.494 to 1.498 @ 20°C

## **10. STABILITY AND REACTIVITY**

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### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

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### **IARC**

Not listed.

### **ACGIH**

Not listed.

### **NTP**

Not listed.

### **OSHA**

Not listed.

### **Inhalation**

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

**Skin contact**

May cause eye irritation.

Adverse skin effects should be prevented by normal care and personal hygiene.

**Eye contact**

Possible irritation should be prevented by wearing safety glasses.

**Ingestion**

May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

**Persistence and degradability**

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

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

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**13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

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**14. TRANSPORT INFORMATION****US DOT Shipping Description (Land)**

Not regulated

**IMO-IMDG Shipping Description (Sea)**

Not regulated

**IATA Shipping Description (Air)**

Not regulated

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**15. REGULATORY INFORMATION****DSL / NDSL**

This substance is listed in the inventory.

**TSCA**

This substance is listed in the inventory.

**SARA 302**

None of the chemicals in this material have an RQ. None of the chemicals in this product have a TPQ.

**SARA 313**

No chemicals are reportable under Section 313.

**GHS Hazard Statements**

Not available.

## GHS Precautionary Statements

Not available

### 16. OTHER INFORMATION

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#### Disclaimer & Caution

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