



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

## MATERIAL SAFETY DATA SHEET

### VITAMIN E ALCOHOL USP

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
---	---	--

Date: August 2007

Synonyms: d-alpha Tocopherol

CAS #: 59-02-9

DOT Hazard Class: Not Regulated

#### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

d-alpha Tocopherol	67.2% max.
Soybean Oil	32.8% min.

#### SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A colorless to yellowish brown viscous liquid that presents little or no health hazard and no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS:

**Skin:** May cause skin irritation.

**Eyes:** May cause irritation or burning.

**Inhalation:** No information available

**Ingestion:** Not considered to be toxic

CARCINOGENICITY: Not Identifiable

---

#### **SECTION 4 - FIRST AID MEASURES**

**Skin:** Immediately wash skin with soap and water for at least 15 minutes.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

**Inhalation:** Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** Wash out mouth with water.

**On All Of The Above:** Consult a physician if symptoms persist.

---

#### **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point: 267 °C (Cleveland Method)

Flammable Limits: Not Available

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.

Unusual Fire Explosion Hazard: When heated to decomposition, will emit toxic gases (carbon dioxide and carbon monoxide).

Auto Ignition Temperature: 292 °C

---

#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways

---

#### **SECTION 7 - HANDLING AND STORAGE**

Avoid contact with skin, eyes and clothing. Use with adequate ventilation.. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

---

#### **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

---

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: 210-250 °C/0.1 mmHg

Vapor Pressure (MM Hg): Not Available

Vapor Density (AIR=1): Not Available

Specific Gravity (H<sub>2</sub>O=1): 0.936 - 0.956

Percent Volatile by Volume (%): Not Available

Melting Point: 2.5-3.5 °C

Evaporation Rate (Butyl Acetate=1): Not Available

Solubility in Water: Practically insoluble

pH: Not Available

---

## **SECTION 10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable under normal temperatures and pressures. Avoid exposure to heat and light.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

KEEP AWAY FROM: Oxidizing agents, alkalis.

---

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

LD<sub>50</sub> (Rat, Oral) >12,000 mg/kg

---

## **SECTION 12 - ECOLOGICAL INFORMATION**

Not Available

---

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

---

## **SECTION 14 - TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME: d-alpha Tocopherol

---

**SECTION 15 - REGULATORY INFORMATION**

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance Not listed

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a Hazard.

---

**SECTION 16 - OTHER INFORMATION**

Reason for Issue: Changed Date

**This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.**

---