

## SAFETY DATA SHEET

### 1. Identification

**Product Identifier** dl- $\alpha$ -Tocopheryl Acetate

**Recommended Use:** Food additive

#### Manufacturer Information:

Company Name Zhejiang Medicine Co., Ltd., Xinchang Pharmaceutical Factory  
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### 2. Hazards identification

**Hazard Classification** Not classified

**Label elements** The product does not require a hazard warning label

**Hazards not otherwise classified** High risk of slipping due to leakage/spillage of product. The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 3. Composition/information on ingredients

Chemical Name:	CAS No.	Concentration (w/w)*
dl- $\alpha$ -Tocopheryl Acetate	7695-91-2	100%

Remarks: \*The data is based on average.

### 4. First-aid measures

#### Description of first aid measures

Inhalation: Remove to fresh air, call a physician if necessary.  
Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water. If irritation develops, seek medical attention.

Eye contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

Ingestion: Rinse mouth and then drink plenty of water. Never give anything by mouth to an unconscious person.

#### **Most important symptoms and effects, both acute and delayed**

Symptoms: No specific symptoms known

#### **Indication of any immediate medical attention and special treatment needed**

Note to physicians: Treat symptomatically

### **5. Fire-fighting measures**

#### **Extinguishing media**

Suitable Extinguishing media: Water spray, carbon dioxide, foam, dry extinguishing media.

Unsuitable Extinguishing media: None known

#### **Special hazards arising from the substance or mixture**

Hazard during fire-fighting: Carbon oxides, harmful vapours.

#### **Special protective equipment or precautions for firefighters**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### **6. Accidental release measures**

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

Wear suitable protective clothing.

**Environment precautions:** Do not discharge into drains/surface water/groundwater.

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

Pick up spilled material and containerize for recovery or disposal.

### **7. Handling and storage**

**Precautions for safe handling** Ensure adequate ventilation.

**Conditions for safe storage, including any incompatibilities** Keep container tightly sealed. Protect contents from light, humidity, and heat.

### **8. Exposure controls/personal protection**

**Occupational exposure limits** Not exposure limits value known.

**Appropriate engineering controls** Provide local exhaust ventilation to control vapours.

### Personal protective measures

Eye/face protection: Safety glasses with side-shields.

Skin and body protection Protection must be chosen based on level of activity and exposure.

Respiratory protection No personal respiratory protective equipment normally required, Wear respiratory protection if ventilation is inadequate.

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wash soiled clothing immediately.

## 9. Physical and chemical properties

**Physical state:** A clear, yellow or slightly greenish-yellow viscous oily liquid  
**Color:** Clear, yellow or slightly greenish-yellow  
**Odor:** Odorless  
**Odor threshold:** Not available  
**pH:** Not applicable  
**Boiling point:** >300 °C  
**Initial boiling point and boiling range:** Not applicable  
**Flash point:** Approx.260 °C  
**Evaporation rate:** Not applicable  
**Flammability:** Not highly flammable  
**Upper/Lower flammability or explosive limits:** Not available  
**Vapor pressure:** Approx.1.4 mbar (approx.240°C)  
Approx.4.0 mbar (approx.270°C)  
**Vapor density:** Not applicable  
**Density:** 0.95~0.96 g/cm<sup>3</sup> (approx.20°C)  
**Water solubility:** Insoluble  
**Auto-ignition temperature:** 303 °C  
**Decomposition temperature:** Not available

## 10. Stability and reactivity

**Reactivity:** No hazardous reactions if stored and handled as indicated.

**Chemical stability:** The product is stable if stored and handled as indicated.

<b>Possibility of hazardous reactions:</b>	None if used for intended purpose.
<b>Conditions to avoid:</b>	Avoid direct sunlight. Avoid heat.
<b>Incompatible materials:</b>	Strong acids and strong bases. Strong oxidizing agents
<b>Hazardous decomposition products:</b>	No hazardous decomposition products if stored and handled as indicated

## 11. Toxicological information

<b>Information on the likely routes of exposure:</b>	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
<b>Acute toxicity:</b>	LD <sub>50</sub> > 10,000mg/kg (oral, rat)
<b>Irritation/corrosion:</b>	Non-irritant
<b>Skin irritation:</b>	Non-irritant
<b>Eye irritation:</b>	Non-irritant
<b>Sensitisation:</b>	Non-Sensitizing
<b>Mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproduction toxicity:</b>	No data available.
<b>Symptoms of Exposure:</b>	No data available.

## 12. Ecological information

<b>Ecotoxicity:</b>	Quantitative data on the ecologic effect of this product are not available.
<b>Persistence and degradability:</b>	Inherently biodegradable.
<b>Bioaccumulative potential:</b>	No data available.
<b>Mobility in soil:</b>	No data available.

## 13. Disposal considerations

<b>Waste disposal of substance:</b>	Do not discharge into waterways or sewer systems without proper authorization. Dispose of in accordance with national, state and local regulations.
<b>Container disposal:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

<b>Land transport:</b>	Not classified as a dangerous good under transport regulations
<b>Sea transport</b>	Not classified as a dangerous good under transport regulations
<b>Air transport</b>	Not classified as a dangerous good under transport regulations

## 15. Regulation Information

<b>Regulation Information</b>	In according with Regulation (EC) No 1272/2008 and 29 CFR part 1910.1200
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## 16. Other information

**Revised date:** 05-June -2017

**Version #:** 8

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