



Revision Date: April 15, 2019

SAFETY DATA SHEET

VITAMIN E ACETATE 98%

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Vitamin E Acetate 98%
INCI Name: DL-Alpha-Tocopheryl Acetate
CAS Number: 7695-91-2
Company: Chemistry Connection
253 Sturgis Road
Conway AR 72034
Phone: 501-470-9689

Emergency Contact: Chemtrec: 800-424-9300

2. HAZARD IDENTIFICATION

Potential Acute Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

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

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

Potential Chronic Health Effects:

Carcinogenic Effects: Not Available

Mutagenic Effects: 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 (%)
DL-Alpha-Tocopheryl Acetate	7695-91-2	100

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

Flammability:	May be combustible at high temperature.
Auto-Ignition	
Temperature:	320°C (608°F)
Flash Points:	243°C(469°F).
Flammable Limits:	Not available.
Products of Combustion:	These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE:	Use DRY chemical powder.
LARGE FIRE:	Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:

Not available.

Special Remarks on Explosion Hazards:

Not available.

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: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis. Protected from light.

Storage: Light Sensitive. Store in light resistant container. Keep container tightly closed. Store at room temperature (15°C-30°C), dry (humidity conditions is below 75%, well-ventilated area away from incompatible substances.

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. 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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oily liquid
Color:	Pale-yellow or slightly greenish-yellow
Odor:	Odorless
Molecular Weight:	472.749 g/mol
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Negligible
Viscosity:	Not available.
Boiling Point:	443°C(829.4°F)
Freezing/Melting Point:	-27.5°C(-17.5°F)
Decomposition Temperature:	Not available.
Acid value	Not available
Peroxide value	Not available
Solubility:	Soluble in diethyl ether, acetone Insoluble in cold water, hot water
Specific Gravity/Density:	~0.96 (water = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: High temperatures, light, incompatible materials, dust generation.
Reactive with oxidizing agents, acids, alkalis.

Incompatibilities with Other Materials: Incompatible with iron, silver and metal salts. Avoid humidity

Hazardous Decomposition Products: Not available

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicity to Animals: Acute oral toxicity LD50: >4000mg/kg [mouse]
Acute dermal toxicity LD50: >3000mg/kg [rat]

Special properties/effects Antioxidant

Overdosage symptoms Overdosage symptoms due to this vitamin have not been observed in man. The literature and our own experience have not revealed any hazardous properties.

dl-alpha-tocopheryl acetate

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: Ecotoxicity in water(LC50):100mg/l 96hours[Trout]. 28mg/l 72hours[Algae]

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 itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation:
Not available

13. DISPOSAL CONSIDERATIONS

Product: There are no uniform regulations for the disposal of chemicals or residue chemical residues generally count as special waste.

The disposal of the latter is regulated in the countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose special waste.

Packaging: Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION

US DOT: Not a DOT controlled material (USA)

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Canadian TDG: No information available.

15. REGULATORY INFORMATION

US FEDERAL

TSCA

CAS# 7695-91-2 is listed on the TSCA inventory.

TSCA 8(b) inventory: Vitamin E acetate

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R36/38- Irritating to eyes and skin.

R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S24/25- Avoid contact with skin and eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

16. OTHER INFORMATION

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