



# Vitamin E, Mixed Tocopherols 95%

## Section 1: Company and Product Identification

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**Product Name:** Vitamin E, Mixed Tocopherols 95%

**INCI Name:** Tocopherol

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

## Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Not Applicable

**Hazard Classification:** This substance does not meet the criteria for a dangerous or hazardous

**Hazard Category:** Non-classified

**Hazard Statements:** Not Applicable

**Precautionary Statements:** Not Applicable

**Other Hazards:** None

## Section 3: Composition / Information on Ingredients

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| Name           | Hazard Category | CAS#     | Weight % |
|----------------|-----------------|----------|----------|
| d-Y-tocopherol | Not classified  | 54-28-4  | 55 - 75% |
| d-δ-tocopherol | Not classified  | 119-13-1 | 20 - 30% |
| α-tocopherol   | Not classified  | 59-02-9  | 0 - 15%  |
| d-β-tocopherol | Not classified  | 148-03-8 | 0 - 5%   |

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16



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## Section 4: First Aid Measures

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**General Info:** No hazards which require special first aid measures.

**Notable Exposure symptoms:** Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

**If ingested:** Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

**If inhaled:** Move to fresh air. If symptoms persist, call a physician.

**Eye contact:** Flush eyes with water as a precaution. Remove contact lenses if present and easy to do so. Protect unharmed eye. Keep eye(s) wide open while rinsing. If discomfort persists, consult a physician.

**Skin contact:** Remove contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

## Section 5: Fire Fighting Measures

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**General Info:** Flash point: > 200°C (392 °F)  
Ignition temperature: Not determined  
Upper/Lower explosion limit: Not determined

**Extinguishing Method /**

**Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**Hazardous Decomposition Info:** None known

## Section 6: Accidental Release Measures

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**Personal precautions, protective equipment and procedures:** Use personal protective equipment.

**Environmental Precautions:** Non-hazardous, but avoid direct releases to the environment.

**Containment Equipment and**

**Procedures:** Non-hazardous, but avoid direct releases to the environment.

**Cleanup Procedures:** Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.



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### Section 7: Handling and Storage

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**Safe Handling Precautions:** For personal protection see Section 8.

**Recommendations for Storage:** Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Keep under inert gas.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** Contains no substances with occupational exposure limit value.

#### General / Engineering

**Controls:** General mechanical ventilation is acceptable.

**Eye/face protection:** Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

**Hand Protection:** Protective gloves

**Body Protection:** Lightweight protective clothing.

**Respiratory Protection:** None required under normal conditions of use

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

#### Environmental Exposure

**Controls:** Non-hazardous but avoid direct releases to the environment.



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## Section 9: Physical and Chemical Properties

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**Physical State:** Liquid

**Appearance:** Oily, viscous

**Color:** Yellow - brownish - red

**Odor:** Characteristic

**Odor Threshold:** No information available

**pH:** No data available

**Freezing Point:** ca. 2°C (35°F)

**Boiling Point:** 200 - 220°C (392 - 412°C) (at 0.13 hPa)

**Flash Point (COC):** > 200°C (392°F)

**Auto-ignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Evaporation Rate:** Not applicable

**Vapor Pressure:** 0.1 - 0.2 hPa (at 200°C)

**Explosive Limits:** Not applicable

**Vapor Density:** Not determined

**Specific Gravity:** Not available

**Water Solubility:** Insoluble. Soluble in ethanol, acetone, chloroform, ether, oils and fats

**Viscosity (cP):** Not determined

**Explosion Properties:** None

**Oxidizing Properties:** None

**Partition coefficient:** log Pow > 10 (calculated value)

**Other information:** None available

## Section 10: Stability and Reactivity

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**Reactivity:** No hazards to be specially mentioned.

**Chemical Stability:** Stable under recommended storage conditions.

### Possibility of Hazardous

**Reactions:** Possible incompatibility with materials listed below.

**Conditions to Avoid:** Exposure to air, light and heat.

**Incompatible Materials:** Oxidizing agents, oxygen, ferric salts, silver salts.

### Hazardous Decomposition

**Products:** No decomposition if used as directed.



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## Section 11: Toxicological Information

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**Acute Toxicity:** Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

**Irritation:** *in vitro* dermal testing of similar materials show product to be slightly irritating.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** No data available

**Repeated Dose Toxicity:** No data available

**Carcinogenicity:** None of the components are listed as a carcinogen by IARC, NTP, OSHA and ACGIH.

**Mutagenicity:** Not mutagenic (Ames test).

**Toxicity for reproduction:** No data available

## Section 12: Ecological Information

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**Toxicity:** No data available

**Aquatic Toxicity:** Oncorhynchus mykiss (rainbow trout)  
LC50 (96 h) > 10 mg/l  
No toxicity at the limit of solubility

**Persistence and Degradability:** Inherently biodegradable. 825 (28 d) (OECD Test Guideline 203C)

**Bioaccumulative Potential:** log Pow > 10 (calculated value)

**Mobility in Soil:** No data available

### Results of PBT and vPvB

**Assessment:** The substance does not fulfill the PBT/vPvB criteria.

**Other Adverse Effects:** None known

## Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** No further information.



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Section 14: Transport Information

|  | US DOT         | EU Land Transport (ADR/RID/AND) | Sea Transport (IMDG) | Air Transport (ICAO/IATA) |
|--|----------------|---------------------------------|----------------------|---------------------------|
| <b>UN Number:</b>  | Not regulated  | Not regulated                   | Not regulated        | Not regulated             |
| <b>UN Proper Shipping Name:</b>  | Not regulated  | Not regulated                   | Not regulated        | Not regulated             |
| <b>Transport Hazard Class(es):</b>   | Not applicable | Not applicable                  | Not applicable       | Not applicable            |
| <b>Packing Group:</b>  | Not applicable | Not applicable                  | Not applicable       | Not applicable            |
| <b>Environmental Hazards:</b>  | Not applicable | Not applicable                  | Not applicable       | Not applicable            |
| <b>Special Precautions for User:</b>   | None           | None                            | None                 | None                      |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b> | Not applicable | Not applicable                  | Not applicable       | Not applicable            |

Section 15: Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA RQ: This material does not contain any components with a CERCLA RQ (Reportable Quantity).

SARA 304 Extremely

Hazardous Substances RQ: This material does not contain any components with a section 304 EHS RQ

SARA 311/312 Hazards: No SARA Hazards.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112® for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Massachusetts Right to Know: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania/New Jersey Right

|                 |                  |          |          |
|-----------------|------------------|----------|----------|
| <b>to Know:</b> | d-Y-tocopherol   | 54-28-4  | 70 - 90% |
|                 | d-δ-tochopherol  | 119-13-1 | 30 - 50% |
|                 | alpha-tocopherol | 59-02-9  | 10 - 20% |
|                 | d-β-tocopherol   | 148-03-8 | 1 - 5%   |

TSCA: On TSCA Inventory

California Prop. 65: This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.



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## Section 16: Other Information

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**Indication of Changes:** Version 1.1 created April 18th, 2019

**HMIS III:** 1-1-0

**List of Relevant R-phrases**

**(number and full text):** Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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