

Vitamin E (dl-alpha tocopheryl acetate)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 04-10-2019
Supersedes: 08-24-2015

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Vitamin E (dl-alpha tocopheryl acetate)	Distributor: MakingCosmetics.com Inc.
Synonyms: dl-alpha (all-rac-alpha) tocopheryl acetate	Address: 10800 231 st Way NE
INCI Name: Tocopheryl acetate	Redmond, WA 98053 (USA)
CAS Number: 7695-91-2	Phone / Fax: 425-292-9502 / 425-292-9601
Formula: C ₃₁ H ₅₂ O ₃	Web: www.makingcosmetics.com
Product Form: Liquid	
Product Use: Cosmetic use	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Tocopheryl acetate	7695-91-2	100%	472.743 g/mol

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation:	Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Skin:	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	None known.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Dry chemical, foam, carbon dioxide, water spray. Water stream may splash burning liquid and spread fire.
Special protective equipment & precautions for firefighters:	Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Flash Points:	110 °C (230 °F)
Specific hazards arising from the chemical:	Not available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
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Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate surface water.
Methods and material for containment and cleaning up: Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Prevent entry into waterways, sewers, basements or confined areas. Vacuum or sweep up material and place in a disposal container. Avoid dust formation.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities: Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Tocopheryl acetate	Data unavailable		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses
Inhalation: In case of open handling of larger quantities wear particle mask or respirator.
Body: Wear protective gloves.
Other: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	Undetermined
Odor:	Faint odor	Vapor Density:	Undetermined
Taste:	Not available	Evaporation Rate:	Undetermined
Color:	Clear to yellow	Flammability:	Undetermined
Molecular Weight:	472.743 g/mol	Upper/lower Explosive Limit:	Undetermined
pH (1% sol. in water)	Undetermined	Solubility:	Insoluble in water, soluble in alcohol, miscible with ether or acetone.
Boiling Point:	184°C at 0.01 mmHg		
Melting Point:	27.5°C		
Flash Point:	Undetermined		
Specific Gravity:	0.9533 g/ml		

10 STABILITY AND REACTIVITY

Reactivity: Product is stable under normal conditions
Chemical Stability: Product is stable under normal conditions
Hazardous Polymerization: Will not occur
Conditions to Avoid: Undetermined
Incompatible Materials: May react with strong oxidizing agents and strong alkalies
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Acute oral toxicity undetermined
Skin: None known
Eyes: May cause irritation
Respiratory: None known
Ingestion: None known
Carcinogenicity: Not available

Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as dl-alpha (all-rac-alpha) tocopheryl acetate.
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date:	04-10-2019
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.