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.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Synonyms: dl-alpha (all-rac-alpha) tocopheryl acetate
INCI Name: Tocopheryl acetate
CAS Number: 7695-91-2
Formula: C31H52O3

Product Use: Cosmetic use
Emergency Telephone Number: 1-800-424-9300 (Chemetrec)

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):
- Health: 1 Slight
- Flammability: 1 Slight
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tocopheryl acetate</td>
<td>7695-91-2</td>
<td>100%</td>
<td>472.743 g/mol</td>
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</tbody>
</table>

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.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate surface water. 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

Component | Exposure Limits | Basis | Entity
--- | --- | --- | ---
Tocopheryl acetate | Data unavailable | STEL: Short Term Exposure Limit during x minutes. | IDLH: Immediately Dangerous to Life or Health

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
Odor: Faint odor
Taste: Not available
Color: Clear to yellow
Molecular Weight: 472.743 g/mol
pH (1% sol. in water): Undetermined
Boiling Point: 184°C at 0.01 mmHg
Melting Point: 27.5°C
Flash Point: Undetermined
Specific Gravity: 0.9533 g/ml

Vapor Pressure: Undetermined
Vapor Density: Undetermined
Evaporation Rate: Undetermined
Flammability: Undetermined
Upper/lower Explosive Limit: Insoluble in water, soluble in alcohol, miscible with ether or acetone.

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
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 suitableness & completeness of such information for his own particular use.