

Vitamin E Nicotinate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin E Nicotinate	Distributor:	MakingCosmetics Inc.
Synonyms:	dl-alpha-tocopheryl nicotinate	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Tocopheryl Nicotinate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	86362-36-9	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid or Solid		
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 an irritant.
 Skin: Not expected to be an irritant.
 Ingestion: May cause nausea, vomiting, and diarrhea.

Other Hazards: None provided on whether the substance meets the criteria for persistent, bio accumulative and toxic or very persistent and very bio accumulative in accordance with Annex XIII, whether the substance was included in the list established in accordance with Article 59(1) for having endocrine disrupting properties.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Tocopheryl Nicotinate	86362-36-9	100%	Not Available

4 FIRST AID MEASURES

Eyes: Wash immediately with plenty of water. Get immediate medical attention.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, administer mouth-to-mouth resuscitation. Get immediate medical attention.
Skin: Not harmful. Wipe with cloth or papers, etc. and wash with soap and water. If irritation occurs, get medical attention.
Ingestion: If swallowed, vomit by putting fingers in the mouth. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (dry chemical, CO₂, foam, halon) for adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters: Extinguish fire with foam, dry chemical powder, or carbon dioxide extinguishing media. If extinguished by irrigation, take measures for preventing the leakage of matter. Keep

Flash Points: unnecessary people away, isolate fire area and deny entry. If possible, shut out immediately the leakage of flammable matter and take away ignition matter. Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. 312 °C (593°F)

Specific hazards arising from the chemical: Irrigation may cause fire expansion.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Keep unnecessary people away, isolate hazard area and deny entry. Wear personal protective clothing and equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Ecological toxicity is not recognized.

Methods and material for containment and cleaning up: Collect spilled material in appropriate container for disposal. Wipe off spilled material with soft cloth or paper. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Wear personal protective clothing and equipment. Avoid contact with eyes, skin, and clothing. Almost harmless if contact occurs. Wipe and wash thoroughly after handling. Observe good industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Store and handle in accordance with all current regulations and standards. Store in a closed container. If possible, store in a well-ventilated, cool, and dark space. Store away from incompatible materials (see section 10 for incompatibilities).

General Occupational Hygiene: Do not to eat, drink and smoke in work areas. Always wash hands after use and remove contaminated clothing and protective equipment before entering eating areas.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Tocopheryl Nicotinate	No limits established	Not available	Not available

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 chemical goggles with side splash protection.

Inhalation: None required under normal conditions of use.

Body: Wear appropriate chemical resistant gloves. Suitable protective clothing should be worn.

Engineering Controls: General mechanical ventilation is acceptable.

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

Exposure Controls:

Other: An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Wash contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow to yellowish orange liquid or solid	Vapor Pressure:	Not available
Odor:	Slight characteristic odor	Vapor Density:	Not available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Yellow to yellowish orange	Flammability (solid/gas):	Not applicable
Molecular Weight:	No data available	Upper/Lower Explosive Limit:	Not available
pH:	Not available	Flash Point:	312 °C (593°F)
Boiling Point:	200 -217 °C/0.4Pa (392 - 422°F)	Specific Gravity:	Not available
Melting Point/Freezing Point:	38 °C (89°F)	Water Solubility:	Insoluble

Density:	No data available	Auto-Ignition Temperature:	Not available
Partition Coefficient: n-octanol/water:	2.7	Decomposition Temperature:	Not available
Viscosity (cP):	Not determined	Explosive Properties:	None

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable at standard temperatures and pressure.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid exposure to high temperature, direct sunlight. If possible, keep in cool and dark space.
Incompatible Materials:	Avoid contact with strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50: >20g/kg (mouse oral), >15g/kg (mouse intramuscular), >20 g/kg (mouse subcutaneous), >1g/kg (mouse intravenous) LD50 >15g/kg (rat oral), >10g/kg (rat intramuscular), >15g/kg (rat subcutaneous), >0.25g/kg (rat intravenous)
Skin:	No data available.
Eyes:	Very slight irritation (rabbit eye mucous, observed at 24 hours, 48 hours, 72 hours, 4 days, and 7 days after 0.1ml administration)
Respiratory:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No data available.
Teratogenesis	No data available.
Mutagenicity:	Negative (Bacterial DNA repair, AMES test)
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No observed abnormality in mother's body. Observed death, growth depression or bleeding in neonatal infant (rat oral administered at 10% or 1% concentration in food from 14 days after gestation to 21 days after delivery).
Specific Target & Whole-Body Organ Toxicity:	Single exposure: Not available. Repeated exposure: No observed abnormality in general, blood, urea, and histological test (rat oral 3 weeks, 100mg, 500mg, 1000mg/kg); no observed adverse effects (human 38 persons, oral 4-6w, 200mg/kg).
Skin Corrosion/Irritation:	No data available.
Sensitization:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence & Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data 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.
ADR/RID/AND (EU Land Transport):	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:	No data available.
SARA311/312 Hazardous Chemicals:	Not considered a hazard.
SARA 313 Toxic Chemicals:	None
SARA 302 Extremely Hazardous Substances:	None
HMIS Rating:	Health: 1. Flammability: 1. Reactivity: 0.
Japan CHRIP:	MITI No. 9-952
Japan Fire Defense Law:	Correspond
Japan PMD Act:	Correspond ¹
Japan Food Sanitation Act:	None
Japan PRTR:	None
Japan Poisonous & Deleterious Substance Control Law:	None
EU EINECS:	No. 289-227-6(3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-yl nicotinate)
EU SVHC:	None
Germany Water Class Hazard:	WGK 3. Storage Class: 11
CA Prop 65 Components:	None.

16 OTHER INFORMATION

Revision Date:	05-Mar-2024
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.