

Vitamin E Nicotinate

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

Revision Date: 27-Apr-2022
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin E Nicotinate	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:	dl-alpha-tocopheryl nicotinate	Address:	Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road, Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	Tocopheryl nicotinate	Phone / Fax:	0086-29-89121514
CAS Number:	86362-36-9	Web:	www.aogubio.com
Formula:	No data available	Emergency Telephone Number: 0086-18091843361 (Chemtrec)	
Product Form:	Liquid or solid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not a dangerous substance according to GHS												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: No known hazards but may cause gastrointestinal irritation, nausea, vomiting and diarrhea.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>1</td> <td>SLIGHT</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	1	SLIGHT	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	1	SLIGHT											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
dl-alpha-tocopheryl nicotinate	86362-36-9	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse thoroughly with water for some minutes. Seek medical attention if necessary.
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. Seek medical attention immediately.
Skin:	Not harmful. Wipe with cloth or papers, etc. and wash with soap and water. Seek medical attention if necessary.
Ingestion:	If swallowed, vomit by putting fingers in mouth. Seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry chemical, halon, foam, carbon dioxide) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Extinguish with foam, dry, chemical powder, or carbon dioxide extinguishing media. If extinguished by irrigation, take measures for preventing the leakage of matter, keep 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.
Flash Points:	312°C

Specific hazards arising from the chemical: Irrigation may cause fire expansion. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Keep unnecessary people away, isolate hazard area and deny entry. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Almost harmless if contact. Wipe and wash thoroughly after handling.

Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Tocopheryl Nicotinate	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: Safety glasses should be worn.

Inhalation: Local exhaust. Provide adequate ventilation.

Body: Protective gloves made of rubber or neoprene. Suitable protective clothing should be worn.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow to yellowish orange liquid or solid	Vapor Pressure:	No data available
Odor:	Slight characteristic odor	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	312 °C
Boiling Point:	200-217 °C/0.4Pa	Specific Gravity:	No data available
Melting Point:	38 °C	Solubility in Water:	insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	2.7	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	None
Oxidizing Properties:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability:	Stabel 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

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50>20g/kg (mouse oral), >15g/kg (mouse intramuscular), >20g/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 24h, 48h, 72h,4d, and 7 d after 0.1 administration)
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Mutagenicity:	Negative (Bacterial DNA repair, AMES test)
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	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).
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No observed abnormality in general, blood, urea, and histological test (rat oral 3w, 100mg, 500mg, 100mg/kg); no observed adverse effects (human 38 persons, oral 4-6w, 200mg/k)

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and 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
TDG (Transportation of Dangerous Goods, Canada):	No data available

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
SARA 311/312:	Not considered to be a hazard
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	No data available
EU EINECS/ELINCS/NLP:	No. 289-227-6
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
Japanese MITI:	No.9-952
Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECL:	No data available
New Zealand NZIoC:	No data available
Germany Water Class Hazard:	WGK 3, Storage Class: 11

16 OTHER INFORMATION

Revision Date:	27-Apr-2022
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.