

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22,2022

Print Date : April 18, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Vitamin E
Synonyms	:	Mixed Tocopherol 50%
INCI name	:	Tocopherol
CAS #	:	59-02-9 / 16698-35-4 / 54-28-4 / 119-13-1/8001-22-7
Country of Origin	:	China
Product use	:	Domestic and Industrial (For Cosmetics Use)
Supplier	:	Shanghai ZNC Biotechnology Co., Ltd.
Address	:	:Room 617,Building 4-5, No.500 East Gaoke Road, Pudong New Area,Shanghai
Fax	:	(201210), China 86-21- 58356660
Telephone number	:	+86-21-68453907
Emergency phone number	:	+86-17717633275

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Not classified as dangerous goods.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Mixed Tocopherols	59-02-9 / 16698-35-4 / 54-28-4 / 119-13-1	200-412-2	50 %

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

A respiratory protection program that meets OSHA's 29 CFR :1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Ingestion

Not for ingestion.

Exposure limit values

Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Golden yellow to reddish brown liquid.
Odor	:	Mild odor.
pH	:	Not available.
Flash point	:	210°C
Vapor pressure	:	Not available.
Solubility (ies)	:	Insoluble in water.
Partition coefficient	:	Not available.
Auto-ignition temperature	:	Not available.

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50(Rat): 5000 mg/kg;
Inhalation LC50(Rat): not available
Dermal LD50(Rat):2000 mg/kg(highest dose tested).
Skin irritation (guinea pig) :none
Repeated skin application (guinea pig) :slight irritation
Skin sensitization (guinea pig) :none
Eye irritation (rabbit) :slight

Carcinogenicity

None of the components of this material are listed as a carcinogen.

IARC

Not listed.

ACGIH

Not listed.

NTP

Not listed.

OSHA

Not listed.

Teratogenicity

Not available.

Mutagenicity

Not available.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

The substance is moderately biodegradable.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not known significant effects or critical hazards.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION**US DOT Shipping Description (Land)**

Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION**DSL / NDSL**

This substance is listed in the inventory.

TSCA

This substance is listed in the inventory.

GHS Hazard Statements

Not available.

GHS Precautionary Statements

Not available

16. OTHER INFORMATION

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