

浙江伊宝馨生物科技股份有限公司
Zhejiang Worldbestve Biotechnology Co.,Ltd
浙江省兰溪市兰江街道新桥山背 158 号
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MSDS

1. Substance /preparation and company identification

Product name: D-alpha-Tocopheryl Acid Succinate
Use: Used as a nutrient
Manufacturer: Zhejiang Worldbestve Biotechnology Co.,Ltd

Manufacturer's Address: 158 Xinqiao Shanbei, Lanjiang ST, Lanxi city, Zhejiang 321103, China.
Emergency phone number: +86-579-88230658

2. Hazards identification

No particular hazards known

3. Composition/information on ingredients

Chemical Name:	CAS:
D-alpha-Tocopheryl Acid Succinate	4345-03-3
Ethyl cellulose	9004-57-3

4. Fire-aid measures

Inhalation: Remove from exposure site to fresh air and seek medical intention.
Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water.
Eye contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Ingestion: Rinse mouth and then drink plenty of water.

5. Fire-fighting measures

Suitable extinguishing media:	Water spray, carbon dioxide, foam, dry extinguishing media.
Special hazards:	No particular hazards known.
Special protective equipment:	Wear a self-contained breathing apparatus.

6. Accidental release measures

Personal precautions:	No special precautions necessary
Environment precautions:	Do not discharge into drains/surface water/groundwater.
Methods for cleaning up:	Collect solids (avoid dust formation) and hand over to waste removal

7. Handling and storage

Handling:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light.

8. Exposure controls and personal protection

Respiratory protection	Avoid breathing product vapor. Apply local ventilation where possible.
Hand protection	Avoid all skin contact and use chemically resistant gloves if required.
Eye protection	Use safety glasses
Body protection	Body protection must be chosen based on level of activity and exposure.

9. Physical and chemical properties

Appearance:	White to almost white crystalline powder or granules
Color:	White to almost white
Odor:	Odorless
Melting point:	73°C ~78°C
Density	0.45~0.60 g/cm ³
Solubility:	insoluble in water, but soluble in propanone, ethyl alcohol, acetic ether
Water solubility	Insoluble in water.

10. Stability and reactivity

Conditions to avoid:	Heat and light
Material to avoid:	Alkali, strong acids, metal salts, oxidizing agents.
Hazard reaction:	No hazardous reaction if handled and stored as indicated.
Hazardous decomposition products:	No hazardous decomposition products if handled and stored as indicated.

11. Toxicological information

Acute toxicity:	LD50 > 7,000 mg/kg (oral, mouse)	*1
Skin irritation:	Non-irritant	*1
Eye irritation:	Non-irritant	*1
Sensitisation:	Non-Sensitizing	*1
Carcinogenicity:	Not carcinogenic	*1
Mutagenicity:	Not mutagenic	*1
Reproduction toxicity:	Not teratogenic	*1

12. Ecological information

Ecotoxicity:	Quantitative data on the ecologic effect of this product are not available.
Persistence and degradability:	Inherently biodegradable.
Precautions:	Prevent surface contamination of soil, ground & surface water.

13. Disposal considerations

Observe national and local legal requirements.

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulation Information

The product does not require a hazard warning label in accordance with local regulations.

16. Other information

*1 referring to: D-alpha-Tocopheryl Acid Succinate

The information contained in this material safety data sheet is based on our current knowledge and experience and describe the product only with regard to safety requirements. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.