



Jiangsu Khonor Chemicals Co., Limited

Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK
+86-19851820538

MATERIAL SAFETY DATA SHEET (MSDS)

D-alpha-Tocopheryl Acetate 700 IU Powder

Product Name: D-alpha-Tocopheryl Acetate

Product Code: CP700

Specification: 700 IU/g Powder

Product Form: Powder

CAS No.: 58-95-7

E No.: E307

Molecular Formula: C₃₁H₅₂O₃

Molecular Weight: 472.74 g/mol

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: D-alpha-Tocopheryl Acetate

Synonyms:

D-Alpha-Tocopheryl Acetate

Natural Vitamin E Acetate

Vitamin E Acetate

Product Code: CP700

Specification: 700 IU/g Powder

Physical Form: Powder

CAS No.: 58-95-7

E No.: E307

1.2 Relevant Identified Uses of the Substance or Mixture

The product is intended for use as a source of Vitamin E in:

- Food and nutritional products
- Dietary supplements
- Animal feed and feed additives



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Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK
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- Nutritional formulations
- Other permitted industrial applications

1.3 Details of the Supplier

Company Name: Jiangsu Khonor Chemicals Co., Limited

Address:

Rm 1902, Easey Commercial Building,
253-261 Hennessy Road, Wanchai,
Hong Kong

Website: khonorchem.com

E-mail: mengling@khorchem.com

1.4 Emergency Telephone Number

Emergency telephone number: Not available.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Based on the available information, the product is not classified as hazardous according to the applicable GHS classification criteria.

2.2 Label Elements

Signal Word: None

Hazard Pictograms: None required.

Hazard Statements:

Not classified as hazardous.

Precautionary Statements:

- Avoid breathing dust.
- Avoid contact with eyes.



Jiangsu Khonor Chemicals Co., Limited

Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK
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- Handle in accordance with good industrial hygiene and safety practices.
- Wash hands thoroughly after handling.

2.3 Other Hazards

Dust generated during handling may cause temporary mechanical irritation to the eyes, skin or respiratory tract.

As with other organic powder products, excessive accumulation of airborne dust should be avoided.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance/Mixture

Product Type: Powder preparation

Component	CAS No.	Approximate Content
D-alpha-Tocopheryl Acetate	58-95-7	≥51.5%
Other formulation/carrier components	Proprietary	Balance

Vitamin E Activity: ≥700 IU/g

The product is a powder preparation containing D-alpha-Tocopheryl Acetate together with carrier/formulation components.

The exact identity and concentration of proprietary carrier components are not disclosed where permitted for commercial reasons.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation:

Move the affected person to fresh air. Keep at rest. If coughing, irritation or other symptoms persist, seek medical attention.



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Skin Contact:

Remove contaminated clothing if necessary. Wash affected skin thoroughly with soap and water. Seek medical attention if irritation persists.

Eye Contact:

Immediately rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion:

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. If significant discomfort occurs, seek medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Dust may cause temporary mechanical irritation of the eyes and respiratory tract.

No significant adverse effects are expected under normal conditions of intended use and handling.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. No specific antidote is known.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media:

- Water spray
- Dry chemical powder
- Carbon dioxide (CO₂)
- Foam

Use extinguishing media appropriate to the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture

The product is an organic powder preparation.



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Thermal decomposition or combustion may generate carbon oxides and other irritating or potentially hazardous combustion products.

Avoid generating excessive airborne dust.

5.3 Advice for Firefighters

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where necessary.

Cool containers exposed to fire with water spray.

Prevent fire-fighting water from entering drains or waterways where possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid breathing dust.

Provide adequate ventilation.

Avoid contact with eyes and prolonged or repeated contact with skin.

Wear appropriate personal protective equipment during cleanup.

6.2 Environmental Precautions

Prevent large quantities of the product from entering drains, surface water or soil.

6.3 Methods and Material for Containment and Cleaning Up

Avoid generating dust during cleanup.

Collect spilled material mechanically or with a suitable industrial vacuum cleaner.

Place recovered material in a suitable, properly labelled container.

Clean the affected area thoroughly after collection.



Avoid using compressed air for cleaning, as it may disperse dust.

6.4 Reference to Other Sections

See Section 8 for personal protective equipment.

See Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practices.

Avoid unnecessary generation of dust.

Avoid contact with eyes.

Avoid prolonged or repeated skin contact.

Ensure adequate ventilation where dust may be generated.

Do not eat, drink or smoke while handling the product.

Wash hands thoroughly after handling.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a **cool and dry place**.

Keep the container **tightly closed and properly sealed**.

Protect from:

- Direct sunlight
- Excessive heat
- Moisture
- Excessive exposure to air

Keep in the original packaging whenever possible.



7.3 Specific End Use(s)

Used as a source of Vitamin E in food, nutritional, feed and other permitted applications.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

No specific occupational exposure limit has been established for D-alpha-Tocopheryl Acetate.

Where dust is generated, maintain airborne concentrations as low as reasonably practicable.

8.2 Exposure Controls

Appropriate Engineering Controls:

Provide adequate general ventilation. Local exhaust ventilation should be used where significant dust may be generated.

Respiratory Protection:

Normally not required under conditions of adequate ventilation. Where dust exposure may occur, use suitable respiratory protection in accordance with applicable regulations.

Hand Protection:

Protective gloves are recommended for prolonged or repeated handling.

Eye Protection:

Safety glasses or protective goggles are recommended where dust generation is possible.

Skin and Body Protection:

Normal protective work clothing is sufficient for routine handling.

Hygiene Measures:

Wash hands thoroughly after handling. Avoid eating, drinking and smoking during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1 Information on Basic Physical and Chemical Properties

Property	Information
Physical State	Powder
Appearance	Almost white, yellowish or light brown, small particles
Odor	Not determined
Odor Threshold	Not available
pH	Not determined
Melting/Freezing Point	Not available
Initial Boiling Point	Not applicable / not available
Flash Point	Not available
Evaporation Rate	Not applicable
Flammability	Not determined
Upper/Lower Flammability Limits	Not available
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Relative Density	Not available
Solubility	Not available
Partition Coefficient	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not applicable
Particle Size	100% passes through 40 mesh sieve

9.2 Other Information

Assay: $\geq 51.5\%$

Vitamin E Activity: ≥ 700 IU/g

Acidity: ≤ 1.0 mL

Loss on Drying: $\leq 5.0\%$

Typical Test Results – Batch CP20260601:

- Assay: 52.3%
- Vitamin E Activity: 711 IU/g
- Acidity: 0.1 mL
- Loss on Drying: 0.8%
- Particle Size: All pass through 40 mesh sieve



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Microbiological Results – Batch CP20260601:

- Aerobic Plate Count: <10 cfu/g
 - Yeast and Molds: <10 cfu/g
 - Coliform: <0.3 MPN/g
 - Salmonella: Negative/25 g
 - Shigella: Negative
 - Staphylococcus aureus: Negative
-

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactivity is expected under normal conditions of storage, handling and use.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

No hazardous polymerization is expected under normal conditions.

10.4 Conditions to Avoid

Avoid:

- Excessive heat
- Direct sunlight
- Moisture
- Prolonged exposure to air
- Excessive dust generation

10.5 Incompatible Materials

Avoid contact with strong oxidizing agents and other strongly reactive materials.



10.6 Hazardous Decomposition Products

Thermal decomposition or combustion may produce carbon oxides and other irritating or hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity:

No specific acute toxicity data are available for the finished powder preparation.

Skin Corrosion/Irritation:

No significant skin irritation is expected under normal handling conditions.

Serious Eye Damage/Irritation:

Dust may cause temporary mechanical irritation.

Respiratory or Skin Sensitization:

No specific information available for the finished product.

Germ Cell Mutagenicity:

No specific information available.

Carcinogenicity:

No specific information available indicating carcinogenicity under normal intended use.

Reproductive Toxicity:

No specific information available.

Specific Target Organ Toxicity – Single Exposure:

No specific information available.

Specific Target Organ Toxicity – Repeated Exposure:

No specific information available.

Aspiration Hazard:

Not applicable to the solid powder form.



SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No specific ecotoxicological data are available for the finished product.

12.2 Persistence and Degradability

No specific data available.

12.3 Bioaccumulative Potential

No specific data available.

12.4 Mobility in Soil

No specific data available.

12.5 Results of PBT and vPvB Assessment

No assessment available.

12.6 Other Adverse Effects

No significant adverse environmental effects are expected from normal use and handling.

Avoid uncontrolled release of large quantities into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of unused product and contaminated packaging in accordance with applicable local, regional and national regulations.



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Where possible, recover or reuse uncontaminated material.

Do not discharge large quantities into drains, surface water or waterways.

Contaminated packaging should be emptied as completely as possible and disposed of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number or ID Number

Not regulated / Not applicable.

14.2 UN Proper Shipping Name

Not regulated / Not applicable.

14.3 Transport Hazard Class(es)

Not regulated / Not applicable.

14.4 Packing Group

Not applicable.

14.5 Environmental Hazards

Not classified as an environmentally hazardous substance for transport based on available information.

14.6 Special Precautions for User

Keep containers properly sealed during transportation.

Protect the product from moisture, excessive heat and direct sunlight.

14.7 Maritime Transport in Bulk According to IMO Instruments



Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

The product should be handled in accordance with applicable national and local regulations concerning chemical safety, occupational health, environmental protection, food/feed use and transportation.

Food Additive Designation: E307

The importer, distributor and end user are responsible for ensuring compliance with regulations applicable in the destination country and intended application.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been conducted for the finished product.

SECTION 16: OTHER INFORMATION

16.1 Abbreviations and Acronyms

GHS – Globally Harmonized System of Classification and Labelling of Chemicals

CAS – Chemical Abstracts Service

E No. – European food additive number

IU – International Unit

SDS – Safety Data Sheet

COA – Certificate of Analysis

PBT – Persistent, Bioaccumulative and Toxic

vPvB – Very Persistent and Very Bioaccumulative

MPN – Most Probable Number

CFU – Colony Forming Units

16.2 Product Information



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Product Name: D-alpha-Tocopheryl Acetate

Product Code: CP700

Specification: 700 IU/g Powder

CAS No.: 58-95-7

E No.: E307

Batch No.: CP20260601

Manufacturing Date: June 15, 2026

Report Date: June 22, 2026

Shelf Life: 24 months

16.3 Disclaimer

The information contained in this Safety Data Sheet is based on information currently available and is intended to provide guidance for the safe handling, storage, transportation and use of the product under normal conditions.

The information is believed to be accurate at the time of preparation but does not constitute a guarantee or warranty of any specific product property.

Users are responsible for determining the suitability of the product for their particular application and for complying with all applicable laws and regulations.

END OF SAFETY DATA SHEET