



# GUSTAV PARMENTIER GmbH

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## Material Safety Data Sheet acc. REACH

### Alpha-Tocopherol, all grades

conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 2020/878

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 1 of 6

#### Section 1 Identification of the substance/mixture and of the company

1.1 Product identifier D-alpha-Tocopherol

Trade Name	Alpha-Tocopherol, all grades
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1.2 Relevant identified uses of the substance or mixture and uses advised against As antioxidant in food and cosmetics; as Vitamin E source.

1.3 Details of the supplier of the safety data sheet Gustav Parmentier GmbH  
Eichendorffstrasse 37  
D-60320 Frankfurt am Main  
Phone: +49 (0)69 56 10 34  
Fax: +49 (0)69 56 85 18  
e-Mail: [msds@parmentier.de](mailto:msds@parmentier.de)

1.4 Emergency telephone number Giftinformationszentrum Mainz  
Langenbeckstrasse 1  
D-55131 Mainz  
Phone: +49 (0)6131 19 24 0

#### Section 2 Hazards identification

2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements None

2.3 Other hazards No hazardous effects on health and environment known.

#### Section 3 Composition/information on ingredients

3.2 Mixture D-alpha-Tocopherol and Sunflower Oil  
CAS-No.: 59-02-9 and 8001-21-6  
EINECS-No.: 200-412-2 and 232-273-9

3.2.1 Description Natural Vitamin E (d-alpha tocopherol) from soy adjusted with sunflower oil.



## Material Safety Data Sheet Alpha-Tocopherol, all grades

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 2 of 6

### Section 4 First aid measures

- |     |   |  |
|-----|---|--|
| 4.1 | <b>Description of first aid measures</b>  | After eye and skin contact flush off with water.<br>After ingestion drink sufficient water. Consult a physician if feeling unwell.<br>After inhalation move affected person to fresh air. Consult a physician. |
| 4.2 | <b>Most important symptoms and effects, both acute and delayed</b>                | No data available  |
| 4.3 | <b>Indication of any immediate medical attention and special treatment needed</b> | If problems resist, consult a physician.   |

### Section 5 Firefighting measures

- |     |  |  |
|-----|--|--|
| 5.1 | <b>Extinguishing media</b>                                   | Foam, Carbon dioxide, Exinguishing powder. Water is not suitable as extinguishing media. |
| 5.2 | <b>Special hazards arising from the substance or mixture</b> | No data available  |
| 5.3 | <b>Advice for firefighters</b>                               | Use air supplied equipment for fighting interior fires.                                  |

### Section 6 Accidental release measures

- |     |  |  |
|-----|--|--|
| 6.1 | <b>Personal precautions, protective equipment and emergency procedures</b> | Use personal protective equipment. Do not inhale vapors/ mist/ gas.                            |
| 6.2 | <b>Environmental precautions</b>   | Keep away in larger quantities from bodies of water or sewage systems.                         |
| 6.3 | <b>Methods and material for containment and cleaning up</b>                | Wipe up with a cloth or sweep up and shovel. Keep in suitable, closed containers for disposal. |
| 6.4 | <b>Reference to other sections</b>   | For disposal see section 13.   |

### Section 7 Handling and storage

- |     |   |  |
|-----|---|--|
| 7.1 | <b>Precautions for safe handling</b>                                | Normal measures for preventive fire protection.  |
| 7.2 | <b>Conditions for safe storage, including any incompatibilities</b> | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. |
| 7.3 | <b>Specific end use(s)</b>  | No data available  |



## Material Safety Data Sheet Alpha-Tocopherol, all grades

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 3 of 6

### Section 8 Exposure controls/personal protection

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|-------------------------------|--|
| <b>8.1 Control parameters</b> | Does not contain substances with maximum allowable concentrations. |
| <b>8.2 Exposure controls</b>  | General industrial hygiene practice                                |

### Section 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

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|--|--|
| a) Physical state:   | Liquid   |
| b) Colour:   | Red-brownish   |
| c) Odour:  | Characteristic like plant oil  |
| d) Melting point/freezing point:                             | Approx. 3 °C   |
| e) Boiling point or initial boiling point and boiling range: | > 200 °C   |
| f) Flammability:   | No data available  |
| g) Lower and upper explosion limit:                          | No data available  |
| h) Flash point:  | Approx. 260 °C   |
| i) Auto-ignition temperature:                                | Approx. 280 °C   |
| j) Decomposition temperature:                                | Approx. 280 °C   |
| k) pH:   | No data available  |
| l) Kinematic viscosity:                                      | 70 - 210 mPas (60 °C)  |
| m) Solubility:   | Unlöslich in Wasser; löslich in Aceton, Ether, Ethanol and Chloroform. |
| n) Partition coefficient n-octanol/water (log value):        | 12.2 (calculated)  |
| o) Vapour pressure:  | $1.4 \times 10^{-8}$ mmHg (25 °C) (calculated)                         |
| p) Density and/or relative density:                          | 0.95 g/ml (25 °C)  |
| q) Relative vapour density:                                  | No data available  |
| r) Particle characteristics:                                 | No data available  |
| <b>9.2 Other information</b>                                 | None   |



## Material Safety Data Sheet Alpha-Tocopherol, all grades

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 4 of 6

### Section 10 Stability and reactivity

10.1	<b>Reactivity</b>	No data available
10.2	<b>Chemical stability</b>	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>	No hazardous reactions known.
10.4	<b>Conditions to avoid</b>	No hazardous reactions known.
10.5	<b>Incompatible materials</b>	Incompatible with strong oxidizing agents, acids and alkalis.
10.6	<b>Hazardous decomposition products</b>	No hazardous decomposition products known.

### Section 11 Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

a) Acute toxicity:	LD50 (mouse, oral) > 25 ml/kg
b) Skin corrosion/irritation:	No skin corrosion, mild irritation.
c) Serious eye damage/irritation:	No eye corrosion, only mild or no irritation.
d) Respiratory or skin sensitisation:	Causes no skin sensitisation. Effect on respiratory tract is unknown.
e) Germ cell mutagenicity:	No evidence of germ cell mutagenicity.
f) Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
g) Reproductive toxicity:	No evidence of reproductive toxicity.
h) STOT-single exposure:	No data available
i) STOT-repeated exposure:	No data available
j) Aspiration hazard:	No data available

#### 11.2 Information on other hazards

11.2.1	Endocrine disrupting properties	No data available
11.2.2	Other information	None



## Material Safety Data Sheet Alpha-Tocopherol, all grades

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 5 of 6

### Section 12 Ecological information

12.1	<b>Toxicity</b>	Water hazard class 1 (according to Annex 1 of AwSV from 18.04.2017, last updated 18.11.2021)
12.2	<b>Persistence and degradability</b>	No data available
12.3	<b>Bioaccumulative potential</b>	No data available
12.4	<b>Mobility in soil</b>	No data available
12.5	<b>Results of PBT and vPvB assessment</b>	No data available
12.6	<b>Endocrine disrupting properties</b>	No data available
12.7	<b>Other adverse effects</b>	No data available
12.8	<b>Other information</b>	None

### Section 13 Disposal considerations

13.1	<b>Waste treatment methods</b>	Remove mechanically. Burning or deposition.
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### Section 14 Transport information

14.1	<b>UN number</b>	None
14.2	<b>UN proper shipping name</b>	None
14.3	<b>Transport hazard class(es)</b>	The product is not classified in ADR/IATA/IMGD/RID - guidelines.
14.4	<b>Packing group</b>	None
14.5	<b>Environmental hazards</b>	None
14.6	<b>Special precautions for user</b>	None
14.7	<b>Maritime transport in bulk according to IMO instruments</b>	None

### Section 15 Regulatory information

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	None
15.2	<b>Chemical safety assessment</b>	No obligatory information on health and environmental protection



## Material Safety Data Sheet Alpha-Tocopherol, all grades

Last update: 6/30/2023

Version: 1.2

Printed: 25.07.2023

Page 6 of 6

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### Section 16 Other Information

INCI Name: TOCOPHEROL and HELANTHUS ANNUUS (Sunflower) SEED OIL

E-Number: E 306

For further product information please see: [www.parmentier.de](http://www.parmentier.de)