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Material Safety Data Sheet acc. REACH

Vitamin E TPGS

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

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

1.1 **Product identifier** D-alpha-tocopheryl polyethylene glycol 1000 succinate

Trade Name	Vitamin E TPGS
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1.2 **Relevant identified uses of the substance or mixture and uses advised against** Water-soluble vitamin E; dietetic food; as solubiliser and emulsifier.

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

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

3.1 **Substance** D-Alpha-Tocopheryl Polyethylene Glycol 1000 Succinate
CAS-No.: 9002-96-4
EINECS-No.:



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Section 4 First aid measures

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

Section 5 Firefighting measures

- | | | |
|-----|--|---|
| 5.1 | Extinguishing media | All known extinguishing agents |
| 5.2 | Special hazards arising from the substance or mixture | No data available |
| 5.3 | Advice for firefighters | Use air supplied equipment for fighting interior fires. |

Section 6 Accidental release measures

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



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Section 7 Handling and storage

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

Section 8 Exposure controls/personal protection

- | | | |
|-----|---------------------------|--|
| 8.1 | Control parameters | Does not contain substances with maximum allowable concentrations. |
| 8.2 | Exposure controls | 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: | Solid |
| b) Colour: | Yellow |
| c) Odour: | Faint |
| d) Melting point/freezing point: | 37 - 41 °C |
| e) Boiling point or initial boiling point and boiling range: | Decomposition before ebullition |
| f) Flammability: | No data available |
| g) Lower and upper explosion limit: | Not applicable |
| h) Flash point: | Not applicable |
| i) Auto-ignition temperature: | Not applicable |
| j) Decomposition temperature: | Not applicable |
| k) pH: | No data available |
| l) Kinematic viscosity: | Not applicable |
| m) Solubility: | Miscible in water in all parts. |
| n) Partition coefficient n-octanol/water (log value): | No data available |
| o) Vapour pressure: | No data available |
| p) Density and/or relative density: | 1.06 g/ml (45 °C) |



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q) Relative vapour density:	Not applicable
r) Particle characteristics:	Not applicable
9.2 Other information	None

Section 10 Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known.
10.4 Conditions to avoid	No hazardous reactions known.
10.5 Incompatible materials	Incompatible with strong oxidizing agents, acids and alkalis.
10.6 Hazardous decomposition products	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 (rat, oral) > 7 g/kg LD50 (rat, dermal) > 2 g/kg
b) Skin corrosion/irritation:	No skin corrosion or irritation.
c) Serious eye damage/irritation:	No eye corrosion, mild 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:	NOAEL for reproductive toxicity was estimated to be > 1.5/kg.
h) STOT-single exposure:	No data available
i) STOT-repeated exposure:	No data available
j) Aspiration hazard:	No data available



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11.2 Information on other hazards

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|--------|---------------------------------|-------------------|
| 11.2.1 | Endocrine disrupting properties | No data available |
| 11.2.2 | Other information | None |

Section 12 Ecological information

- | | | |
|------|------------------------------------|-------------------|
| 12.1 | Toxicity | No data available |
| 12.2 | Persistence and degradability | No data available |
| 12.3 | Bioaccumulative potential | No data available |
| 12.4 | Mobility in soil | No data available |
| 12.5 | Results of PBT and vPvB assessment | No data available |
| 12.6 | Endocrine disrupting properties | No data available |
| 12.7 | Other adverse effects | No data available |
| 12.8 | Other information | None |

Section 13 Disposal considerations

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|------|-------------------------|---|
| 13.1 | Waste treatment methods | Remove mechanically. Burning or deposition. |
|------|-------------------------|---|

Section 14 Transport information

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



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Section 15 Regulatory information

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

Section 16 Other Information

For further product information please see: www.parmentier.de