


<p>Page 1 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>D-a-Tocopherol kosmetische Qualität</p>	 <p>Revision Date 26.11.2018</p>
---	--	---

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

• **Informations to product No. 7696**

• **Product name:**

D-a-Tocopherol, kosmetische Qualität

Vitamin E (natürlich)

Tocopherol, d-alpha, cosmetical quality

• **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

• **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

• **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

• **Application of the substance / mixture:**

Ingredient for cosmetic formulations.

2 Hazards identification

• **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

CAS-No. Substance name

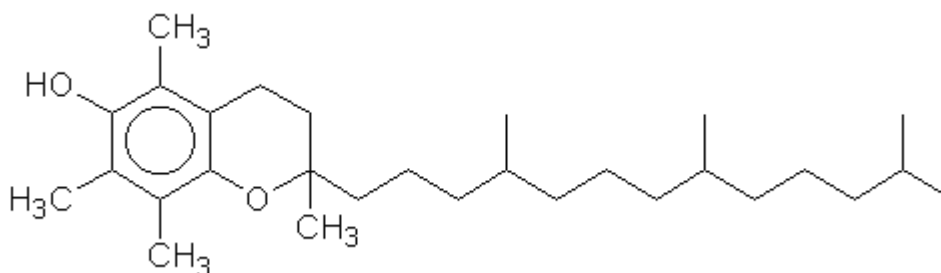
59-02-9 D-alpha-Tocopherol


• **EINECS-No.:** 200-412-2

• **REACH Reg. No.:** 01-2120087339-44-0000

• **INCI-Name:** Tocopherol

• **Chemical characterization:**



<p>Page 2 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>D-a-Tocopherol kosmetische Qualität</p>	 <p>Revision Date 26.11.2018</p>
---	--	---

4 First aid measures

- **after inhalation:** (Aerosol) Fresh air
- **after skin contact:** Wash off with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** (big quantities): If feeling unwell seek medical advice.

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible. Dust explosion hazard. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures:


- **Personal protective measures:** No special measures required.
- **Additional information:** Prevent from entering into drains, prevent from contaminating surface water or the ground water system.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. Store at a cool place (+8°C to +15°C). Protect from light.
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** protection gloves of rubber or latex.
- **Eye protection:** Safety glasses

<p>Page 3 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>D-α-Tocopherol kosmetische Qualität</p>	 <p>Revision Date 26.11.2018</p>
---	--	---

9 Physical and chemical properties

- **Form:** liquid-viscous
- **Colour:** amber
- **Odour:** characteristic
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** > 101 °C
- **Density:** (20 °C) 0,94 - 0,96 g/cm³
- **Solubility in / Miscibility with**
- **Water:** partially soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid temperatures above 35 °C.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Acroleine in case of strong heating.
- **Additional information:** Light sensitive

11 Toxicological information


- **Acute toxicity:** practically non-toxic after single
LD50 > 5000 mg/kg.
- **Skin irritation:** slightly irritant, no labelling required. Not irritant on skin.
- **Eye irritation:** slightly irritant, no labelling required. Not irritant on eye.
- **Sensitization:** No sensitization known

12 Ecological information

- **Aquatic toxicity:**
Acute Fish toxicity: LC50 > 100 mg/l
Acute Bacteria toxicity: EC50 > 100 mg/l
In case of appropriate handling and usage the product does not cause harmful ecological effects.
- **Information about elimination (persistence and degradability):**
The limits for a classification as easily biodegradable are not reached.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

<p>Page 4 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>D-a-Tocopherol kosmetische Qualität</p>	 <p>Revision Date 26.11.2018</p>
---	--	---

14 Transport informations

- **Land transport according to ADR:**

Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product does not need to be labelled according to GHS-regulations.

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 10

- **VbF class:** -

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

- **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH)