

Trade name: Cholesterolum

Substance number: 062744

Version: 4 / CH

Date revised: 17.05.2022

Replaces Version: 3 / CH

Print date: 17.05.22

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

1.1. Product identifier

Cholesterolum

Item No. 06274400

Substance / product identification

CAS-No. 57-88-5

EINECS-No. 200-353-2

INCI Cholesterol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Manufacture of pharmaceutical products, Cosmetics

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.1. Substances

Molecular weight

Value 386.65 g/mol

Further ingredients

Cholesterol

CAS No. 57-88-5

EINECS no. 200-353-2

Concentration >= 95 %

Advice: [4]

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Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air.

After skin contact

After contact with skin, wash immediately with plenty of water. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

In case of contact with eyes rinse thoroughly with water.

After ingestion

Rinse out mouth and give plenty of water to drink. Consult a physician if necessary.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water, Foam, Dry powder, Carbon dioxide

5.2. Special hazards arising from the substance or mixture

The product is combustible. If a fire breaks out nearby evolution of dangerous gases possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Do not discharge into surface waters/groundwater.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Do not inhale dust.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

To pick up dry. Take up mechanically and collect in suitable container for disposal. Clean up affected area. Avoid raising dust.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage *****7.1. Precautions for safe handling****Advice on safe handling**

No special requirements.

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7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 15 - 25 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Storage classes ***

Storage class according to TRGS 510 11 Combustible solids

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Wash hands before breaks and after work. Remove contaminated, soaked clothing immediately and dispose of safely.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation. Short term: filter apparatus, Filter P1; EN 143

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	nitrile		
Material thickness	0.11	mm	
Breakthrough time	> 480	min	

Hand protection must comply with EN 374.

Eye protection

Safety glasses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Powder
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Colour	white
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Odour threshold

Remarks	Not applicable
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Particle size

Particle size	Aver 0.042	mm
Method	age OECD 110	

pH value

Remarks	No data available
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Melting point

Value	147	to	150	°C
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Initial boiling point and boiling range

Value	appr. 200	°C
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Flash point

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Remarks Not applicable

Upper/lower flammability or explosive limits

Remarks No data available

Density

Value	1.05		g/cm ³
Temperature	20	°C	
Method	OECD 109		

Solubility in water

Value	0.001		g/l
Temperature	20	°C	
Remarks	insoluble		

Ignition temperature

Remarks No data available

Auto-ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks No data available

Explosive properties

evaluation Not applicable

9.2. Other information**Bulk density**

Value	260		kg/m ³
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Danger of dust explosion

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

In the event of fire the following can be released: Toxic gases/vapours

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****Cholesterol**

Species	rat		
LD50	>	2000	mg/kg
Method	OECD 401		

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Acute dermal toxicity (Components)**Cholesterol**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 402	

Acute inhalative toxicity (Components)**Cholesterol**

Remarks No data available.

Skin corrosion/irritation (Components)**Cholesterol**

Species	mammal, species unspecified
Method	OECD 439
Remarks	No effect of irritation known.

Serious eye damage/irritation (Components)**Cholesterol**

Species	rabbit
Method	OECD 405
Remarks	No effect of irritation known

Sensitization (Components)**Cholesterol**

Species	mouse
Method	OECD 429
Remarks	negative

Subacute, subchronic, chronic toxicity (Components)**Cholesterol**

Remarks Not applicable

Mutagenicity (Components)**Cholesterol**

Species evaluation	Salmonella typhimurium
Method	No mutagenicity in the Ames-test.
Method	Ames test
Remarks	negative

Reproduction toxicity (Components)**Cholesterol**

Remarks No data available

Carcinogenicity (Components)**Cholesterol**

Remarks No data available

Specific Target Organ Toxicity (STOT) (Components)**Cholesterol**

Remarks Not applicable

Other information

Observe the usual precautions for handling chemicals.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)**

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Cholesterol

Remarks No data available.

Daphnia toxicity (Components)**Cholesterol**

Remarks No data available.

Algae toxicity (Components)**Cholesterol**

Remarks No data available.

Bacteria toxicity (Components)**Cholesterol**

Remarks No data available.

12.2. Persistence and degradability**Biodegradability (Components)****Cholesterol**

Value	74	%
Duration of test evaluation	28	d
Method	inherently biodegradable, fulfilling criteria OECD 302 C	

Biochemical oxygen demand (BOD5) (Components)**Cholesterol**

Value	830	mg/g
Duration of test	35	d

12.3. Bioaccumulative potential**General information**

No data available

Octanol/water partition coefficient (log Pow) (Components)**Cholesterol**

log Pow > 6.5

12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**General information**

No data available

12.6. Other adverse effects**General information / ecology**

Avoid release into the atmosphere.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code No not dispose with rubbish.
 Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

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Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) *****

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.