

Trade name: Kolliphor CS 20

Substance number: 262550

Version: 1 / CH

Date revised: 15.06.2026

Replaces Version: - / CH

Print date: 15.06.26

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

1.1. Product identifier

Kolliphor CS 20

Item No. 26255000

Registration no.

CAS No. 68439-49-6

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

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

Skin Irrit. 2 H315

Eye Dam. 1 H318

Aquatic Acute 1 H400

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

Precautionary statements

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P264.1 Wash hands thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P501.3 Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Alcohols, C16-18, ethoxylated

Reduced labeling (<= 125 ml)**Hazard pictograms****Signal word**

Danger

Hazard statements

H302 Harmful if swallowed.
 H318 Causes serious eye damage.

Precautionary statements

P264.1 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P330 Rinse mouth.
 P501.3 Disposal in compliance with local and national regulations.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Hazardous ingredients****Alcohols, C16-18, ethoxylated**

CAS No.	68439-49-6	
EINECS no.	500-212-8	
Concentration	>= 63	%
Classification (Regulation (EC) No. 1272/2008)		
	Aquatic Acute 1	H400
	Acute Tox. 4	H302
	Skin Irrit. 2	H315
	Eye Dam. 1	H318

Concentration limits (Regulation (EC) No. 1272/2008)

	Aquatic Acute 1	M = 10
ATE	oral	1'260 mg/kg

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely.

After inhalation

Remove the casualty into fresh air and keep him calm. Take medical treatment.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink. In the event of symptoms take medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

Important or other important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / treatment

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Foam, Dry powder, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby evolution of dangerous gases possible. Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8. Avoid contact with eyes and skin. Avoid dust formation. Ensure adequate ventilation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

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For small amounts: take up with appropriate instrument and dispose. For tall amounts: Take up mechanically and collect in suitable container for disposal. Dispose of absorbed material in accordance with the regulations. Avoid raising dust.

6.4. Reference to other sections

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

Observe the usual precautions for handling chemicals. Wear protective equipment. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Avoid dust formation. Take action to prevent static discharges. Keep away from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value \leq 25 °C

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	8	Caustic and corrosive substances

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of water and soap. At work do not eat, drink, smoke or take drugs. Wash hands and face before breaks and after work. Store work clothing separately.

Respiratory protection

Breathing apparatus in the event of aerosol. Particle filter P1; FFP1 (EN 149); 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.

Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry. Personal protective clothing must comply with the relevant CEN standards.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	white
Odour	odourless

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Melting point

Value 39.0 to 41.0 °C

Flash point

Value 249 to 251 °C

Auto-ignition temperature

Remarks not determined

pH valueValue 5.8
Concentration/H₂O 10 %
Temperature 20 °C**Vapour pressure**

Remarks Not relevant

Density and/or relative densityValue 0.9 to 1.0 g/cm³
Temperature 70 °C**9.2. Other information****Solubility in water**

Remarks soluble

Bulk densityValue 580 to 630 kg/m³**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Dust can form explosive mixtures with air.

10.4. Conditions to avoid

Avoid dust formation.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**ATE 1'260 mg/kg
Method calculated value according to GHS (e.g see UN GHS)
Remarks The classification criteria are met.**Acute oral toxicity (Components)****Alcohols, C16-18, ethoxylated**

Species rat

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LD50	1260	mg/kg
Source	RTECS	
Source	AZ0883332	

Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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Skin corrosion/irritation

evaluation	irritant
Remarks	The classification criteria are met.

Skin corrosion/irritation (Components)**Alcohols, C16-18, ethoxylated**

Species	rabbit
evaluation	irritant
Source	RTECS
Source	AZ0883332

Serious eye damage/irritation

evaluation	corrosive
Remarks	The classification criteria are met.

Serious eye damage/irritation (Components)**Alcohols, C16-18, ethoxylated**

Species	rabbit
evaluation	strongly irritant

Sensitization

Remarks	Based on available data, the classification criteria are not met.
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Mutagenicity

Remarks	Based on available data, the classification criteria are not met.
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Reproductive toxicity

Remarks	Based on available data, the classification criteria are not met.
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Carcinogenicity

Remarks	Based on available data, the classification criteria are not met.
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Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks	Based on available data, the classification criteria are not met.
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Repeated exposure

Remarks	Based on available data, the classification criteria are not met.
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Aspiration hazard

Remarks	Based on available data, the classification criteria are not met.
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11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

Remarks	This substance does not have endocrine disrupting properties with respect to humans.
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SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****Alcohols, C16-18, ethoxylated**

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Species	zebra fish (Brachydanio rerio)	
LC50	108	mg/l
Duration of exposure	96	h
Method	OECD 203	

12.2. Persistence and degradability**Biodegradability (Components)****Alcohols, C16-18, ethoxylated**

Value	94	%
Duration of test evaluation	28	d
Method	Readily biodegradable	
	OECD 301 B	

Chemical oxygen demand (COD) (Components)**Alcohols, C16-18, ethoxylated**

Value	2000	mg/g
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Biochemical oxygen demand (BOD5) (Components)**Alcohols, C16-18, ethoxylated**

Value	310	mg/g
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12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.
This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg	5 kg	
Transport category	3		
Tunnel restriction code	-		

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 2

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

Other information

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Acute 1	H400	Calculation method

Hazard statements listed in Chapter 2/3

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

CLP categories listed in Chapter 2/3

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Acute Tox. 4

Acute toxicity, Category 4

Aquatic Acute 1

Hazardous to the aquatic environment, acute, Category 1

Eye Dam. 1

Serious eye damage, Category 1

Skin Irrit. 2

Skin irritation, Category 2

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.