

Trade name: Camphorae sol ethanolica 10%

Substance number: 214701

Version: 5 / CH

Date revised: 09.09.2025

Replaces Version: 4 / CH

Print date: 09.09.25

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

1.1. Product identifier

Camphorae sol ethanolica 10%

Item No. 21470100

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

Use of the substance/preparation

Active pharmaceutical substance

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)

Flam. Liq. 2 H225

Skin Irrit. 2 H315

Eye Dam. 1 H318

STOT SE 2 H371

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 ***

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H371 May cause damage to organs.

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Precautionary statements ***

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- 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 *** Bornan-2-one

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

Danger

Hazard statements ***

H318 Causes serious eye damage.

Precautionary statements ***

- 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.

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****Chemical characterization**

Alcoholic solution

Hazardous ingredients *****Bornan-2-one**

CAS No.	76-22-2			
EINECS no.	200-945-0			
Registration no.	01-2119966156-31-XXXX			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)				
	Flam. Sol. 1		H228	
	Acute Tox. 4		H302	
	Acute Tox. 4		H332	
	Skin Irrit. 2		H315	
	Eye Dam. 1		H318	
	STOT SE 2		H371	

Lungs; Route of exposure:

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inhalative

ATE	oral	1'310	mg/kg
cATpE	inhalative, Dust/Mist	1.5	mg/l

Further ingredients**ethanol**

CAS No.	64-17-5			
EINECS no.	200-578-6			
Registration no.	01-2119457610-43-0098			
Concentration		>=	50	%
Advice: [3]				
Classification (Regulation (EC) No. 1272/2008)				
Flam. Liq. 2		H225		

water

CAS No.	7732-18-5			
EINECS no.	231-791-2			
Concentration		>=	10	%
Advice: [4]				

Note

[3] Substance with occupational exposure limits

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.

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

Extinguishing measures to suit surroundings, Water spray jet, Foam

5.2. Special hazards arising from the substance or mixture

The product is combustible. Development of toxic gases

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

Ensure adequate ventilation. Use personal protective clothing. Keep away sources of ignition.

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6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal. Clean up affected area.

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

Keep away from heat and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place. Storage rooms must be properly ventilated.

Storage classes

Storage class according to TRGS 510	3	Flammable liquid
Storage category (Switzerland)	3	Flammable liquid

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****ethanol**

List	SUVA			
Type	MAK			
Value	960	mg/m ³	500	ppm(V)
Short term exposure limit	1920	mg/m ³	1000	ppm(V)
Pregnancy group: S; Remarks: SSc; Formal; INRS NIOSH				

Derived No/Minimal Effect Levels (DNEL/DMEL)**ethanol**

Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	343		mg/kg/d

Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Systemic effects		
Concentration	950		mg/m ³

Predicted No Effect Concentration (PNEC)**ethanol**

Type of value	PNEC		
Type	Freshwater		
Conditions	Long term		
Concentration	0.96		mg/l

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Type of value	PNEC	
Type	Saltwater	
Concentration	0.79	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	3.6	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	2.9	mg/kg
Type of value	PNEC	
Type	Freshwater	
Conditions	Intermittend	
Concentration	2.75	mg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	580	mg/l

8.2. Exposure controls

General protective and hygiene measures

General industrial hygiene practice. Avoid any contact with the body.

Respiratory protection

necessary; Provide adequate ventilation. Do not breathe vapours, dust or aerosol.

Hand protection

necessary

Eye protection

necessary

Body protection

necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid, clear

Colour colourless

Odour of ethanol

Odour camphor-like

Boiling point or initial boiling point and boiling range

Value > 78 °C

Flash point

Value 22 °C

Source GESTIS-Stoffdatenbank

Vapour pressure

Value < 58 hPa

Source GESTIS-Stoffdatenbank

Density and/or relative density

Value 0.865 to 0.870

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 Temperature
 Remarks

 20 °C
 Relative Density according specification

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

None known

SECTION 11: Toxicological information

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

Acute oral toxicity

ATE	>	10'000	mg/kg
Method	calculated value according to GHS (e.g see UN GHS)		
Remarks	Based on available data, the classification criteria are not met.		

Acute oral toxicity (Components)

ethanol

Species	rat		
LD50		7060	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 16, Pg. 718, 1970.		

ethanol

Species	rat		
LD50		10470	mg/kg

Bornan-2-one

Species	mouse		
LD50		1310	mg/kg

Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute dermal toxicity (Components)

ethanol

Species	rabbit		
LD50		15800	mg/kg

ethanol

NOAEL		8232	mg/kg
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Bornan-2-one

Species	rabbit		
LD50	>	5000	mg/kg

Acute inhalational toxicity

ATE		14.8957	mg/l
Administration/Form	Dust/Mist		
Method	calculated value according to GHS (e.g see UN GHS)		
Remarks	Based on available data, the classification criteria are not met.		

Acute inhalative toxicity (Components)

ethanol

Species	rat		
LC50		30000	mg/m ³
Duration of exposure	4	h	
Administration/Form	Vapors		

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Bornan-2-one

LC50 1.5 mg/l

Skin corrosion/irritation

evaluation

irritant

Remarks

The classification criteria are met.

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

evaluation

non-irritant

Serious eye damage/irritation

evaluation

corrosive

Remarks

The classification criteria are met.

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

evaluation

irritant

Sensitization

Remarks

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

Sensitization (Components)**ethanol**

evaluation

non-sensitizing

Mutagenicity

Remarks

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

Mutagenicity (Components)**ethanol**

evaluation

No mutagenicity in the Ames-test.

Reproductive toxicity

Remarks

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

Carcinogenicity

Remarks

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

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks

The classification criteria are met.

evaluation

May cause damage to organs.

Repeated exposure

Remarks

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

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information**12.1. Toxicity**

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Fish toxicity (Components)**ethanol**

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	8140			mg/l
Duration of exposure	96	h		

Bornan-2-one

LC50	35			mg/l
Duration of exposure	96	h		

Daphnia toxicity (Components)**ethanol**

Species	Daphnia magna			
EC50	9000	to	14000	mg/l
Duration of exposure	48	h		

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

Value	94			%
evaluation	Readily biodegradable			

Chemical oxygen demand (COD) (Components)**ethanol**

Value	0.93	to	1.67	mg/g
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12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****ethanol**

log Pow	-0.31
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Bioconcentration factor (BCF) (Components)**ethanol**

BCF	0.66
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12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances

The product contains no vPvB substances.

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

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

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

Ecological injuries are not known or expected under normal use.

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

Disposal in compliance with local and national regulations.

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Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information ***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	D/E		
14.1. UN number or ID number	1293	1293	1293
14.2. UN proper shipping name	TINCTURES, MEDICINAL	TINCTURES, MEDICINAL	TINCTURES, MEDICINAL
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 I	1 I	
Transport category	2		
14.5. Environmental hazards	-		

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 WGK 1
 (Germany)

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)

Flam. Liq. 2	H225	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 2	H371	Calculation method

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Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H371	May cause damage to organs.

CLP categories listed in Chapter 2/3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Flam. Sol. 1	Flammable solid, Category 1
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 2	Specific target organ toxicity - single exposure, 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.