

Trade name: Rosae aqua concentrata spirit 5/100

Substance number: 034751

Version: 3 / CH

Date revised: 28.07.2025

Replaces Version: 2 / CH

Print date: 28.07.25

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Rosae aqua concentrata spirit 5/100

Item No. 03475100

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/preparation**

Manufacture of pharmaceutical products

**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. 3 H226

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 \*\*\***

Warning

**Hazard statements \*\*\***

H226 Flammable liquid and vapour.

**Precautionary statements \*\*\***

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

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P403+P233 with water [or shower].  
 P501.3 Store in a well-ventilated place. Keep container tightly closed.  
 Disposal in compliance with local and national regulations.

### 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

### 3.2. Mixtures

#### Chemical characterization

Alcoholic solution

#### Further ingredients

##### water

CAS No.	7732-18-5			
EINECS no.	231-791-2			
Concentration		>=	50	%
Advice: [4]				

##### ethanol

CAS No.	64-17-5			
EINECS no.	200-578-6			
Registration no.	01-2119457610-43-0098			
Concentration		>=	25	< 50 %
Advice: [4]				
Classification (Regulation (EC) No. 1272/2008)				
Flam. Liq. 2				H225

##### Geraniol

CAS No.	106-24-1			
EINECS no.	203-377-1			
Concentration		<	1	%
Advice: [4]				
Classification (Regulation (EC) No. 1272/2008)				
Skin Irrit. 2				H315
Skin Sens. 1				H317
Eye Dam. 1				H318

##### 2-Phenylethanol

CAS No.	60-12-8			
EINECS no.	200-456-2			
Concentration		<	1	%
Advice: [4]				
Classification (Regulation (EC) No. 1272/2008)				
Acute Tox. 4				H302
Eye Irrit. 2				H319

##### nerol

CAS No.	106-25-2			
EINECS no.	203-378-7			
Concentration		<	1	%

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Advice: [4]

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

Skin Irrit. 2	H315
Skin Sens. 1B	H317
Eye Dam. 1	H318

**(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one**

CAS No. 24720-09-0

EINECS no. 246-430-4

Concentration &lt; 1 %

[4]

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

Acute Tox. 4	H302
Skin Sens. 1B	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

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

Aquatic Chronic 1	M = 1
Aquatic Acute 1	M = 1

**Note**

[4] Voluntary information

**Other information**

The product is an article within the meaning of Article 3 No. 3 of the REACH Regulation and thus not to be labelled according to the CLP regulation. The compilation of the Safety Data sheet is not required according to Article 31 REACH Regulation for articles and is done on a voluntary basis.

**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. In the event of symptoms take medical treatment. Irregular breathing/no breathing: artificial respiration.

**After skin contact**

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

**After eye contact**

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

**After ingestion**

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

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

Water spray jet, Carbon dioxide, Alcohol-resistant foam, Dry powder, Extinguishing measures to suit surroundings

**Non suitable extinguishing media**

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Full water jet

**5.2. Special hazards arising from the substance or mixture**

In the event of a fire, toxic and combustible gases can be formed. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

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

Wear full protective suit. Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet.

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

Ensure adequate ventilation. Remove persons to safety. Keep away sources of ignition.

**6.2. Environmental precautions**

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

**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. Take action to prevent static discharges.

**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 <sup>3</sup>	500	ppm(V)
Short term exposure limit	1920	mg/m <sup>3</sup>	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

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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 <sup>3</sup>

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

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

Avoid any contact with the body. Observe the usual precautions for handling chemicals. Keep away from food-stuffs, beverages and feed-stocks.

**Respiratory protection**

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

**Hand protection**

Appropriate Material      Gloves / resistant to chemicals

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Fire-resistant protective clothing

**SECTION 9: Physical and chemical properties**

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**9.1. Information on basic physical and chemical properties****Physical state**

Liquid

**Colour**

colourless to slightly yellow

**Boiling point or initial boiling point and boiling range**

Value &gt; 78 °C

Source GESTIS-Stoffdatenbank

**Flash point**

Value &gt; 24 °C

Source GESTIS-Stoffdatenbank

**Vapour pressure**

Value &lt; 5.8 kPa

Source GESTIS-Stoffdatenbank

**Density and/or relative density**

Value 0.955 to 0.963

Remarks Relative Density according specification

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Risk of ignition or formation of inflammable gases or vapours with: Air

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

Keep away from sources of heat and ignition. No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Heat

**10.5. Incompatible materials**

Alkaline metals, Ammonia, peroxides, Oxidising agents

**10.6. Hazardous decomposition products**

Hazardous decomposition products: Carbon monoxide, Carbon dioxide, Flammable gases/vapours

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Geraniol**Species rat  
LD50 3600 mg/kg**2-Phenylethanol**Species rat  
LD50 1790 mg/kg  
Source Food and Cosmetics Toxicology. Vol. 2, Pg. 327, 1964**ethanol**Species rat  
LD50 7060 mg/kg  
Source Toxicology and Applied Pharmacology. Vol. 16, Pg. 718, 1970.**ethanol**

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Species	rat		
LD50		10470	mg/kg

**Acute dermal toxicity (Components)****Geraniol**

Species	rabbit		
	>	5000	mg/kg

**2-Phenylethanol**

Species	rabbit		
LD50		806	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 28, Pg. 313, 1974		

**ethanol**

Species	rabbit		
LD50		15800	mg/kg

**ethanol**

NOAEL		8232	mg/kg
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**Acute inhalative toxicity (Components)****Geraniol**

Remarks	No data available.		
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**ethanol**

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

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

Species	guinea pig		
Duration of exposure	24	h	
evaluation	irritant		
Source	RTECS		

**Geraniol**

Species	man		
Duration of exposure	24	h	
evaluation	irritant		
Source	RTECS		

**Geraniol**

Species	rabbit		
Duration of exposure	24	h	
evaluation	irritant		
Source	RTECS		

**ethanol**

evaluation	non-irritant		
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**Serious eye damage/irritation**

Remarks	Eye contact with the product may lead to irritation.
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**Serious eye damage/irritation (Components)****Geraniol**

evaluation	irritant - risk of serious damage to eyes
Remarks	Irritates the eyes.

**ethanol**

evaluation	irritant
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**Sensitization (Components)**

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**Geraniol**

Remarks No data available.

**ethanol**

evaluation non-sensitizing

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

Remarks Not applicable

**Mutagenicity (Components)****Geraniol**

Remarks No data available.

**ethanol**

evaluation No mutagenicity in the Ames-test.

**Reproduction toxicity (Components)****Geraniol**

Remarks No data available.

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

Remarks Not applicable

**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.

**Experience in practice**

The solvent vapours cause an irritating effect to the respiratory organs. Causes disorders of the central nervous system and can cause headache, respiratory difficulties or unconsciousness. Causes a numb feeling. Liver damage is possible.

**Other information**

When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

Product specific toxicological data are not known.

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

LC50	Medi	3.45	mg/l
	an		

Duration of exposure	96	h
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**ethanol**

Species	golden orfe (Leuciscus idus)	
LC50	8140	mg/l

Duration of exposure	96	h
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**Daphnia toxicity (Components)****Geraniol**

Remarks No data available.

**ethanol**

Species Daphnia magna



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

**Algae toxicity (Components)****Geraniol**

Remarks No data available.

**Bacteria toxicity (Components)****Geraniol**

Remarks No data available.

**12.2. Persistence and degradability****Physico-chemical eliminability (Components)****Geraniol**

Remarks No data available.

**Biodegradability (Components)****Geraniol**

Remarks No data available.

**ethanol**

Value 94 %

evaluation Readily biodegradable

**Ready degradability (Components)****Geraniol**

Remarks No data available.

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

Remarks No data available.

**ethanol**

Value 0.93 to 1.67 mg/g

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

Remarks No data available.

**12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow) (Components)****ethanol**

log Pow -0.31

**Bioconcentration factor (BCF) (Components)****ethanol**

BCF 0.66

**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.

**Results of PBT and vPvB assessment (Ingredients)****ethanol**

The Substance doesn't meets PBT/vPvB-criteria

**12.6 Endocrine disrupting properties**

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**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**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. For this subsection there is no ecotoxicological data available on the product as such.




**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 \*\*\***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	D/E		
14.1. UN number	1293	1293	1293
14.2. UN proper shipping name	TINCTURES, MEDICINAL (ethanol)	TINCTURES, MEDICINAL (ethanol)	TINCTURES, MEDICINAL (ethanol)
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

**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

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## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H226 Flammable liquid and vapour.

### **CLP categories listed in Chapter 3**

Flam. Liq. 3 Flammable liquid, Category 3

### **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.