

Trade name: Arnicae tinct

Substance number: 250551

Version: 8 / CH

Date revised: 30.01.2023

Replaces Version: 7 / CH

Print date: 30.01.23

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

### **1.1. Product identifier**

Arnicae tinct

Item No. 25055100

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

#### **Use of the substance/preparation**

Medicinal product

### **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

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.

#### **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

Extract of herbal drugs  
 Medicinal products  
 Alcoholic solution

#### Further ingredients

##### ethanol

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

##### water

CAS No.	7732-18-5				
EINECS no.	231-791-2				
Concentration		>=	25	<	50 %
Advice:	[4]				

##### Arnica montana L. (flowers)

Concentration		>=	1	<	10 %
Advice:	[4]				

##### Dihydrohelenalin tiglate Sesquiterpenlactone

Concentration		<	1		%
Advice:	[4]				

#### 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.

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**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**

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Summon a doctor immediately.

**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**

Full water jet

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

In the event of fire the following can be released: Carbon monoxide (CO); In the event of a fire, toxic and combustible gases can be formed. 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**

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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			
Route of exposure	inhalative			
Mode of action	Local effects			
Concentration	1900			mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Long term			
Route of exposure	oral			
Mode of action	Systemic effects			
Concentration	434			mg/kg/d

### 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 \*\*\*

### 9.1. Information on basic physical and chemical properties

Physical state	liquid	
Colour	yellowish to brownish	
<b>Boiling point or initial boiling point and boiling range</b>		
Value	> 78	°C
Source	GESTIS-Stoffdatenbank	
<b>Flash point</b>		

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Value	21	to	22	°C
Source	GESTIS-Stoffdatenbank			

**pH value**

Remarks not determined

**Vapour pressure**

Value	<	5.8	kPa
Source	GESTIS-Stoffdatenbank		

**Density and/or relative density \*\*\***

Value	0.899
Remarks	Relative Density according specification

**9.2. Other information****Efflux time**

Remarks not determined

**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 determin 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)****ethanol**

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

**ethanol**

Species	rat		
LD50		10470	mg/kg

**Acute dermal toxicity (Components)****ethanol**

Species	rabbit		
LD50		15800	mg/kg

**Acute inhalative toxicity (Components)****ethanol**

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

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

evaluation non-irritant

**Serious eye damage/irritation**

Remarks Eye contact with the product may lead to irritation.

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

evaluation irritant

**Mutagenicity (Components)****ethanol**

evaluation No mutagenicity in the Ames-test.

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

evaluation Readily biodegradable

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

Value 0.93 to 1.67 mg/g

**12.3. Bioaccumulative potential****Bioconcentration factor (BCF) (Components)****ethanol**

BCF 0.66

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

There is no data available on the product apart from the information given in this subsection.

**Results of PBT and vPvB assessment**

The product contains no PBT substances

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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

### 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.

## 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	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		
Transport category	2		

## SECTION 15: Regulatory information \*\*\*

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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**Water Hazard Class (Germany) \*\*\***

Water Hazard Class (Germany) WGK 2

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

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H225 Highly flammable liquid and vapour.

**CLP categories listed in Chapter 3**

Flam. Liq. 2 Flammable liquid, 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.