

Trade name: Arnica montana rad Urtinktur P22

Substance number: 256601

Version: 4 / CH

Date revised: 05.06.2023

Replaces Version: 3 / CH

Print date: 05.06.23

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

### **1.1. Product identifier**

Arnica montana rad Urtinktur P22  
Item No. 25660100

#### **Registration no.**

Registration no. EXCEMPT

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

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

Manufacture of pharmaceutical products, 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  
person responsible sdb@haenseler.ch  
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.

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

**2.3. Other hazards**

In use, may form flammable/explosive vapour-air mixture. Repeated exposure may cause skin dryness or cracking. Irritating to eyes, respiratory system and skin.

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  
 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		>=	10	<	25	%
Advice: [4]						

**Note**

[4] Voluntary information

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

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**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.). Summon a doctor immediately.

**After ingestion**

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

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

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Headache, Dizziness, Dizziness, Unconsciousness, Nausea

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

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

**Non suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**In case of fires, hazardous combustion gases are formed; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

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**

Use personal protective clothing. Remove persons to safety. Ensure adequate ventilation. Keep away sources of ignition.

**6.2. Environmental precautions**

Dilute with lot of water. Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3. Methods and material for containment and cleaning up**

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).

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

Provide good ventilation of working area (local exhaust ventilation if necessary).

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. 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 classes**

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

**Further information on storage conditions**

Protect from light.

**SECTION 8: Exposure controls/personal protection \*\*\*****8.1. Control parameters**

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**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**

Wash hands before breaks and after work.

**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

impermeable gloves

**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**

<b>Physical state</b>	liquid			
<b>Colour</b>	yellow			
<b>Odour</b>	characteristic			
<b>Boiling point or initial boiling point and boiling range</b>				
Value	>	78		°C
Source	Estimated value			
<b>Flash point</b>				
Value	13	to	22	°C
Source	Estimated value			
<b>Decomposition temperature</b>				
Remarks	No decomposition if used as prescribed.			
<b>Vapour pressure</b>				

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Value	< 5.8	kPa
Source	Estimated value	

**Density and/or relative density**

Value	0.833	to	0.845
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**

Possible incompatibility with materials listed under section 10.5.

**10.4. Conditions to avoid**

Keep away from sources of heat and ignition.

**10.5. Incompatible materials**

Reactions with strong oxidising agents. Reactions with strong acids. Reactions with earth alkali metals. Reactions with alkali metals.

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide, Hazardous decomposition products: 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**

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

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**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.

**Other information**

The product has not been tested. The information is derived from the properties of the individual components.

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

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

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

**12.2. Persistence and degradability****General information**

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

**Biodegradability (Components)****ethanol**

evaluation Readily biodegradable

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

Value 0.93 to 1.67 mg/g

**12.3. Bioaccumulative potential****General information**

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

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

BCF 0.66

**12.4. Mobility in soil****General information**

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

**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

The product contains no vPvB substances.

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

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**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. The product is easily volatile.




**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**

Disposal in compliance with local and national regulations.

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

Water Hazard Class WGK 1

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(Germany)  
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.