

Trade name: Armoraciae extr liquidum 1/1

Substance number: 120921

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 01.10.19

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

1.1. Product identifier

Armoraciae extr liquidum 1/1

Item No. 12092100

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.

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]					

Methanol

CAS No.	67-56-1				
EINECS no.	200-659-6				
Registration no.	01-2119433307-44-XXXX				
Concentration		<	1		%
Advice: [4]					
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 2			H225	
	Acute Tox. 3			H301	
	Acute Tox. 3			H311	
	Acute Tox. 3			H331	
	STOT SE 1			H370	

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

STOT SE 1	H370	>=	10
STOT SE 2	H371	>=	3 < 10

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

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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

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 (CO₂)

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**

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

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; Status: 2017; Remarks: SSc; OAW, FormalKT HU; INRS, NIOSH				

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

Form	liquid, clear
Colour	brownish yellow
Odour	characteristic
Initial boiling point and boiling range	
Value	> 78 °C
Source	GESTIS-Stoffdatenbank
Flash point	
Value	21 to 22 °C
Source	GESTIS-Stoffdatenbank
Vapour pressure	
Value	< 5.8 kPa
Source	GESTIS-Stoffdatenbank
Density	
Value	0.930 to 0.960
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

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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 toxicological effects****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 ³
Duration of exposure		4	h
Administration/Form	Vapors		

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

evaluation	irritant
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Mutagenicity (Components)**Ethanol**

evaluation	No mutagenicity in the Ames-test.
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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.

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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

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

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

Evaluation of persistence and bioaccumulation potential

The Substance doesn't meets PBT/vPvB-criteria

Evaluation of persistence and bioaccumulation potential (Components)**Ethanol**

The Substance doesn't meets PBT/vPvB-criteria

12.6. 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

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	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	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 (Germany) WGK 3

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information

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.