

Trade name: Matricariae extr liq norm 0.1% äth Öl

Substance number: 225000

Version: 8 / CH

Date revised: 24.05.2023

Replaces Version: 7 / CH

Print date: 24.05.23

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

1.1. Product identifier

Matricariae extr liq norm 0.1% äth Öl

Item No. 22500000

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. 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**

Extract of herbal drugs

Hazardous ingredients**ammonia%**

CAS No.	1336-21-6				
EINECS no.	215-647-6				
Registration no.	01-2119488876-14-XXXX				
Concentration	>= 0.1	<	1		%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Corr. 1B			H314	
	Eye Dam. 1			H318	
	STOT SE 3			H335	
	Aquatic Acute 1			H400	
	Aquatic Chronic 2			H411	

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

STOT SE 3	H335	>= 5
Aquatic Acute 1	H400	M = 10

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note B

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				
Concentration	>= 25	<	50		%
Advice: [4]					
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 2			H225	

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

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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

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 (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

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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 ³	500	ppm(V)
Short term exposure limit	1920	mg/m ³	1000	ppm(V)

Pregnancy group: S; Remarks: SSs; 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 ³

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

ammonia%

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Acute			
Route of exposure	dermal			
Mode of action	Systemic effects			
Concentration	6.8			mg/kg

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	6.8			mg/kg

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Acute			

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Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	47.6	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	36	mg/m ³
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	47.6	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	14	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	68	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	68	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	23.8	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	7.2	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	

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Mode of action	Systemic effects	
Concentration	23.8	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
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Reference group	Consumer	
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Duration of exposure	Long term	
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Route of exposure	inhalative	
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Mode of action	Local effects	
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Concentration	2.8	mg/m ³
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Type of value	Derived No Effect Level (DNEL)	
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Reference group	Consumer	
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Duration of exposure	Acute	
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Route of exposure	oral	
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Mode of action	Systemic effects	
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Concentration	6.8	mg/kg
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Type of value	Derived No Effect Level (DNEL)	
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Reference group	Consumer	
-----------------	----------	--

Duration of exposure	Long term	
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Route of exposure	oral	
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Mode of action	Systemic effects	
----------------	------------------	--

Concentration	6.8	mg/kg
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Predicted No Effect Concentration (PNEC)**ammonia%**

Type of value	PNEC	
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Type	Freshwater	
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Concentration	0.0011	mg/l
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Type of value	PNEC	
---------------	------	--

Type	Saltwater	
------	-----------	--

Concentration	0.00011	mg/l
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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
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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, clear
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Colour	brown
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Odour	characteristic	
Boiling point or initial boiling point and boiling range		
Value	> 78	°C
Source	Estimated value	
Flash point		
Value	> 24	°C
Source	Estimated value	
Vapour pressure		
Value	< 5.8	kPa
Source	Estimated value	
Density and/or relative density		
Value	appr. 0.95	g/cm ³
Remarks	Relative Density according specification	
Source	Estimated value	

9.2. Other information**Efflux time**

Remarks No data available

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

ammonia%

Species	rat		
LD50		350	mg/kg

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Source GESTIS-Stoffdatenbank

Acute dermal toxicity (Components)**ethanol**

Species	rabbit		
LD50	15800		mg/kg

ammonia%

Remarks No data available.

Acute inhalative toxicity (Components)**ethanol**

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

ammonia%

Remarks No data available.

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

evaluation non-irritant

ammonia%

Species	rabbit
evaluation	corrosive
Method	OECD 404

Serious eye damage/irritation

Remarks Eye contact with the product may lead to irritation.

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

evaluation irritant

ammonia%

Species	rabbit
evaluation	irritant - risk of serious damage to eyes

Sensitization (Components)**ammonia%**

Species	guinea pig
evaluation	non-sensitizing

Subacute, subchronic, chronic toxicity (Components)**ammonia%**

Remarks No data available.

Mutagenicity (Components)**ethanol**

evaluation No mutagenicity in the Ames-test.

ammonia%

evaluation No experimental indications on genotoxicity in vivo found.

ammonia%

evaluation	No experimental information on genotoxicity in vitro available.
Method	Ames test

Reproduction toxicity (Components)**ammonia%**

Remarks Indications of toxic effects are available from reproduction studies in

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animals.

Carcinogenicity (Components)

ammonia%

Remarks No evidence available on carcinogenicity.

Specific Target Organ Toxicity (STOT) (Components)

ammonia%

Remarks No data available

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

The toxicological information is based on the main 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****Fish toxicity (Components)**

ammonia%

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)	
LC50	0.89	mg/l
Duration of exposure	96	h

Daphnia toxicity (Components)

ammonia%

Species	Daphnia magna	
LC50	101	mg/l
Duration of exposure	48	h

Algae toxicity (Components)

ammonia%

Species	Chlorella vulgaris	
EC50	2700	mg/l
Duration of exposure	18	d

Bacteria toxicity (Components)

ammonia%

Remarks No data available.

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

ethanol

evaluation Readily biodegradable

ammonia%

evaluation Readily biodegradable

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Ready degradability (Components)

ammonia%

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

12.4. Mobility in soil**Mobility in soil (Components)**

ammonia%

Adsorbs on soil.

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**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 ***

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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	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 (Germany) WGK 1

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

SECTION 16: Other information

Hazard statements listed in Chapter 3

H226 Flammable liquid and vapour.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1
 Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
 Eye Dam. 1 Serious eye damage, Category 1
 Flam. Liq. 3 Flammable liquid, Category 3
 Skin Corr. 1B Skin corrosion, Category 1B
 STOT SE 3 Specific target organ toxicity - single exposure, 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.

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