

Trade name: Matricariae extr liq norm 0.1% äth Öl

Substance number: 225000

Version: 10 / CH

Date revised: 24.11.2025

Replaces Version: 9 / CH

Print date: 24.11.25

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

Substance / product identification

UFI 6CQ3-CUNS-622U-W1M1

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 person responsible
for this SDS sdb@haenseler.ch

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

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P243 sources. No smoking.
 P280 Take action to prevent static discharges.
 P303+P361+P353 Wear protective gloves/protective clothing/eye protection/face protection.
 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.

Reduced labeling (<= 125 ml)**Hazard pictograms****Signal word**

Warning

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]	

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ethanol

CAS No. 64-17-5
EINECS no. 200-578-6
Registration no. 01-2119457610-43-0098
Concentration >= 25 < 50 %
Advice: [3]
Classification (Regulation (EC) No. 1272/2008)
Flam. Liq. 2 H225

Note

[3] Substance with occupational exposure limits
[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

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

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

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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	
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

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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	
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	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	2.8	mg/m ³

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

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

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

Type of value	PNEC	
Type	Freshwater	
Concentration	0.0011	mg/l

Type of value	PNEC	
Type	Saltwater	
Concentration	0.00011	mg/l

ethanol

Type of value	PNEC	
Type	Freshwater	

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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

9.1. Information on basic physical and chemical properties

Physical state	liquid, clear	
Colour	brown	
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

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Source	Estimated value
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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
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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**

Remarks	Based on available data, the classification criteria are not met.
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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
Source	GESTIS-Stoffdatenbank	

ammonia

Species	Human	
LDLo	43	mg/kg

Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute dermal toxicity (Components)**ethanol**

Species	rabbit		
LD50	15800		mg/kg

ethanol

NOAEL	8232		mg/kg
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ammonia

Remarks	No data available.
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Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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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.
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Skin corrosion/irritation

Remarks	Based on available data, the classification criteria are not met.
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Skin corrosion/irritation (Components)**ethanol**

evaluation	non-irritant
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ammonia

Species	rabbit
evaluation	strongly irritant
Method	OECD 404

Serious eye damage/irritation

Remarks	Based on available data, the classification criteria are not met.
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Serious eye damage/irritation (Components)**ethanol**

evaluation	irritant
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ammonia

Species	rabbit
evaluation	strongly irritant
Remarks	Influence of the product with the eyes can lead to blindness.

Sensitization

Remarks	Based on available data, the classification criteria are not met.
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Sensitization (Components)**ammonia**

Species	guinea pig
evaluation	non-sensitizing

ethanol

evaluation	non-sensitizing
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Subacute, subchronic, chronic toxicity (Components)**ammonia**

Route of exposure	inhalative
Species	rat

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NOAEL 0.035 mg/l
Duration of exposure 50 Days

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Mutagenicity (Components)**ethanol**

evaluation No mutagenicity in the Ames-test.

ammonia

Species mouse

evaluation No experimental indications on genotoxicity in vivo found.

Method OECD 474

ammonia

Species Salmonella typhimurium

evaluation No experimental information on genotoxicity in vitro available.

Method Ames test

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Reproduction toxicity (Components)**ammonia**

Route of exposure oral

Species rat

Dose 408 mg/kg

evaluation No negative effects

Method OECD 422

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity (Components)**ammonia**

Route of exposure oral

Species rat

Dose 67 mg/kg

Duration of exposure 104 Weeks

Method OECD 453

Remarks negative

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**ammonia****Single exposure**

evaluation May cause respiratory irritation.
Route of exposure inhalative

ammonia**Repeated exposure**

Source Nicht eingestuft, basierend auf der Berechnungsmethode der CLP Verordnung.

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Aspiration hazard

Based on available data, the classification criteria are not met.

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

ammonia

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)	
LOEC	0.022	mg/l
Duration of exposure	73	d
Method	Flow test; FIFRA Guideline 72-1	

ammonia

Species	<i>Ictalurus punctatus</i>	
NOEC	0.06	mg/l
Duration of exposure	27	d
Method	Flow test; FIFRA Guideline 72-1	

ammonia

Species	Fathead minnow (<i>Pimephales promelas</i>)	
LC50	0.068	mg/l
Duration of exposure	96	h
Method	Flow test; FIFRA Guideline 72-1	

ammonia

Species	<i>Ictalurus punctatus</i>	
NOEC	0.048	mg/l
Duration of exposure	31	d
Method	OECD 215	

ethanol

Species	golden orfe (<i>Leuciscus idus</i>)	
LC50	8140	mg/l
Duration of exposure	96	h

Daphnia toxicity (Components)**ammonia**

Species	<i>Daphnia magna</i>	
LC50	101	mg/l

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Duration of exposure 48 h

ammoniaSpecies Daphnia magna
NOEC 0.79 mg/l

Duration of exposure 96 h

ammoniaSpecies Daphnia magna
NOEC 0.42 mg/l

Duration of exposure 21 d

ammoniaSpecies Daphnia magna
LC50 4.07 mg/l

Duration of exposure 96 h

Method US-EPA

ammoniaSpecies Daphnia magna
NOEC 0.79 mg/l

Duration of exposure 96 h

Method US-EPA

ethanolSpecies Daphnia magna
EC50 9000 to 14000 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**

Value 94 %

evaluation Readily biodegradable

ammonia

evaluation Readily biodegradable

Ready degradability (Components)**ammonia****Chemical oxygen demand (COD) (Components)****ethanol**

Value 0.93 to 1.67 mg/g

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

log Pow -0.31

Bioconcentration factor (BCF) (Components)

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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 ***
14.1. UN number or ID 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	III	III	III
Limited Quantity	5 l	5 l	
Transport category	3		
Tunnel restriction code	D/E		

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

Other information

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Flam. Liq. 3

H226

On basis of test data

Hazard statements listed in Chapter 2/3

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 2/3

Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1
 Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2

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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.