



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Matricariae extr liq / Amino AG

Item-No. 33638000

### 1.3. Details of the supplier of the safety data sheet

#### Address

Hänseler AG

Industriestrasse 35

9101 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

## 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

#### Classification in accordance with EC directives

Classification R10

### 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/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378.1 In case of fire: Use water sprayjet, carbon dioxide, alcohol-resistant foam or dry powder for extinction.

P403+P235 Store in a well-ventilated place. Keep cool.

#### Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

**R phrases**

10 Flammable.

**S phrases**

51 Use only in well-ventilated areas.

2 Keep out of the reach of children.

7 Keep container tightly closed.

16 Keep away from sources of ignition - No smoking.

**3. Composition/information on ingredients****Hazardous ingredients****Ammonia**

CAS No. 1336-21-6

EINECS no. 215-647-6

Concentration &lt; 1 %

Classification N, R50  
C, R34

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

Skin Corr. 1B H314

Aquatic Acute 1 H400

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

STOT SE 3 H335 &gt;= 5

**Ethanol**

CAS No. 64-17-5

EINECS no. 200-578-6

Concentration 42.4 %

Classification F, R11

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

Flam. Liq. 2 H225

**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.

**5. Firefighting measures**



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

## 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 (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.

## 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.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep away from heat and sources of ignition. Take precautionary measures against electrostatic loading.

### 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.

## 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)
Maximum limit value: 4x15; Pregnancy group: C; Status: 2005;				

### 8.2. Exposure controls

#### General protective and hygiene measures



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

Avoid any contact with the body. Observe the usual precautions when 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

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties****pH**

Value    6.5                      to                      7.5

**Boiling point**

Value    >                      78    °C

Source    GESTIS-Stoffdatenbank  
(<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>)

**Flash point**

Value    24    °C

Source    GESTIS-Stoffdatenbank  
(<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>)

**Vapour pressure**

Remarks    No data available

**Efflux time**

Remarks    No data available

**10. Stability and reactivity****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

**11. Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

Remarks    Irritating effects on the skin and mucous membrane.

**Serious eye damage/irritation**

Remarks    Eye contact with the product may lead to irritation.

**Experience in practice**

The solvent vapours cause an irritating effect to the respiratory organs. Causes disorders of the central



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

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.

**12. Ecological information****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.

**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.

**14. Transport information****Land transport ADR/RID****14.1. UN number**

UN 1293

**14.2. UN proper shipping name**

TINCTURES, MEDICINAL

Danger releasing substance Ethanol, Methanol

**14.3. Transport hazard class(es)**

Class 3

Label 3

**14.4. Packing group**

Packing group III

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 1293

**14.2. UN proper shipping name**

TINCTURES, MEDICINAL

Danger releasing substance Ethanol, Methanol

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group III

**Air transport ICAO/IATA****14.1. UN number**

UN 1293

**14.2. UN proper shipping name**

TINCTURES, MEDICINAL

Danger releasing substance Ethanol, Methanol

**14.3. Transport hazard class(es)**

Class 3



Trade name: Matricariae extr liq / Amino AG

Substance number: 336380

Version: 3 / CH

Date revised: 22.12.10

Replaces Version: 2 / CH

Date of printing: 19.06.12

#### 14.4. Packing group

Packing group III

### 15. Regulatory information

### 16. Other information

#### R-phrases listed in chapter 3

11	Highly flammable.
34	Causes burns.
50	Very toxic to aquatic organisms.

#### Hazard statements listed in chapter 3

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.

#### 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.