

Trade name: Arnicae mont flor ex fluid/018507

Date revised: 14.05.09

Dangerous substance number: 321025

Version: 1 / CH

Date of printing: 14.05.09

## **01. Identification of the substance/preparation and of the company/undertaking**

### **Trade name**

Arnicae mont flor ex fluid/018507  
Item-No. 32102500

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

Active pharmaceutical substance

### **Company/undertaking identification**

#### **Address**

Hänseler AG  
Industriestrasse 35  
9101 Herisau  
Telephone no. 0041 (0)71 353 58 58  
Emergency telephone 0041 (0)44 251 51 51

## **02. Hazards identification**

### **Classification**

Classification R10

### **R phrases**

10 Flammable.

## **03. Composition / information on ingredients**

### **Chemical characterization**

Extract of herbal drugs

### **Hazardous ingredients**

#### **Ethanol**

CAS no. 64-17-5  
EINECS no. 200-578-6  
Concentration  $\geq$  25 < 50 %  
Classification F, R11

## **04. First aid measures**

### **After inhalation**

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

### **After skin contact**

In general the product isn't skin irritating.

### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.).

## **05. Fire-fighting measures**

### **Suitable extinguishing media**

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

### **Special protective equipment for fire-fighting**

No special measures required.

## **06. Accidental release measures**



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**Personal precautions**

Not required.

**Environmental precautions**

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

**Methods for cleaning up**

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

**07. Handling and storage****Handling****Advice on safe handling**

No special requirements.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - refrain from smoking.. Take precautionary measures against static charges.

**Storage****Requirements for storage rooms and vessels**

Keep only in the original container.

**Hints on storage assembly**

Not required.

**Further information on storage conditions**

None.

**08. Expose controls/personal protection****Exposure limit values****Ethanol**

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)
Short-term exposure limit	4x15			
Pregnancy group	C			

**General protective and hygiene measures**

Wash hands before breaks and after work.

**Occupational exposure controls****Hand protection**

Gloves

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

**Eye protection**

Tightly fitting safety glasses

**09. Physical and chemical properties****General information**

Form	Liquid
Colour	yellowish to brownish, clear
Odour	characteristic

**Important health, safety and environmental information**



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**Flash point**

Value 26 °C

**Boiling point**

Remarks no data available

**Melting point**

Remarks not applicable

**Ignition temperature**

Value 425 °C

**Explosion limits**

Lower explosion limit 3.5 %(V)

Upper explosion limit 15.0 %(V)

**Vapour pressure**

Value 5.9 kPa

temperature 20 °C

**Density**

Remarks not determined

**Solubility in water**

Remarks Completely miscible

**Solvent content**

Value 38.0 %

**Flammability :**

Not self inflammable

The product is not dangerous for explosions.

**10. Stability and reactivity****Conditions to avoid**

No decomposition if stored and applied as directed.. No hazardous reactions known.

**Hazardous decomposition products**

None known

**11. Toxicological information****Irritant/corrosive effects****Irritant effect on skin**

Remarks No effect of irritation known.

**Sensitization**

Remarks No sensitisation effect known.

**12. Ecological information****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****Disposal recommendations for the product**

EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

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Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

**14. Transport information****Land transport ADR/RID**

UN number	1170
Class	3
Packing group	III
Label	3
Technical name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Danger releasing substance	Ethanol

**Marine transport IMDG/GGVSee**

UN number	1170
Class	3
Packing group	III
Technical name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Danger releasing substance	Ethanol

**Air transport ICAO/IATA**

UN number	1170
Class	3
Packing group	III
Technical name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Danger releasing substance	Ethanol

**15. Regulatory information****Labelling in accordance with EC directives**

The product is classified and labelled in accordance with EC directives/GefStoff V

**Hazardous component(s) to be indicated on label****R phrases**

10 Flammable.

**S phrases**

7 Keep container tightly closed.  
16 Keep away from sources of ignition - No smoking.

**16. Other information****R-phrases of the ingredients listed in chapter 3**

11 Highly flammable.

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.