

Trade name: Echinacea angust Urtinktur P31

Substance number: 257345

Version: 4 / CH

Date revised: 06.11.2023

Replaces Version: 3 / CH

Print date: 06.11.23

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

### **1.1. Product identifier**

Echinacea angust Urtinktur P31  
Item No. 25734500

#### **Substance / product identification**

CAS-No. 84696-11-7  
EINECS-No. 283-631-6  
INCI ECHINACEA ANGUSTIFOLIA LEAF EXTRACT

### **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  
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. 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

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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.

### 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  
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]					

#### 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

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.

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**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 (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.

**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

**Further information on storage conditions**

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Protect from light. Keep containers tightly closed in a dry, cool and well-ventilated place.

## **SECTION 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)
Pregnancy group: S; Remarks: SSc; Formal; 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**

<b>Physical state</b>	liquid	
<b>Colour</b>	yellow-green	
<b>Odour</b>	aromatic	
<b>Boiling point or initial boiling point and boiling range</b>		
Value	> 78	°C
Source	GESTIS-Stoffdatenbank	
<b>Flash point</b>		
Value	21 to 22	°C
Source	GESTIS-Stoffdatenbank	
<b>Vapour pressure</b>		
Value	< 5.8	kPa
Source	GESTIS-Stoffdatenbank	
<b>Density and/or relative density</b>		
Value	0.885 to 0.910	

## **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.

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**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 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

**Acute dermal toxicity (Components)****ethanol**

Species	rabbit		
LD50		15800	mg/kg

**ethanol**

NOAEL		8232	mg/kg
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**Acute inhalative toxicity (Components)****ethanol**

Species	rat		
LC50		30000	mg/m <sup>3</sup>
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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**Sensitization (Components)****ethanol**

evaluation	non-sensitizing
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**Mutagenicity (Components)****ethanol**

evaluation	No mutagenicity in the Ames-test.
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## 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

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
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#### Chemical oxygen demand (COD) (Components)

ethanol

Value	0.93	to	1.67	mg/g
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### 12.3. Bioaccumulative potential

#### Octanol/water partition coefficient (log Pow) (Components)

ethanol

log Pow	-0.3
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#### Bioconcentration factor (BCF) (Components)

ethanol

BCF	0.66
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### 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.

#### 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

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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 \*\*\***

	<b>Land transport ADR/RID ***</b>	<b>Marine transport IMDG/GGVSee ***</b>	<b>Air transport ICAO/IATA ***</b>
Tunnel restriction code	D/E		
<b>14.1. UN number</b>	1293	1293	1293
<b>14.2. UN proper shipping name</b>	TINCTURES, MEDICINAL	TINCTURES, MEDICINAL	TINCTURES, MEDICINAL
<b>14.3. Transport hazard class(es)</b>	3	3	3
Label			
<b>14.4. Packing group</b>	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 1

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

## **SECTION 16: Other information**

#### **Hazard statements listed in Chapter 3**

H225 Highly flammable liquid and vapour.

#### **CLP categories listed in Chapter 3**

Flam. Liq. 2 Flammable liquid, Category 2

#### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

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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.