

Trade name: Echinacea purpurea Urtinktur

Substance number: 257350

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 21.01.19

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

### **1.1. Product identifier**

Echinacea purpurea Urtinktur

Item No. 25735000

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

#### **Address/Manufacturer**

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

## **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

### **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 sources. No smoking.

P233

Keep container tightly closed.

P243

Take action to prevent static discharges.

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.

## **SECTION 3: Composition/information on ingredients**

### **Chemical characterization**

Trade name: Echinacea purpurea Urtinktur

Substance number: 257350

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 21.01.19

Extract of herbal drugs  
Medicinal products**Hazardous ingredients****Ethanol**

CAS No.	64-17-5			
EINECS no.	200-578-6			
Concentration	50.1	62.4	%	
Classification (Regulation (EC) No. 1272/2008)				
Flam. Liq. 2		H225		

**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**

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.

Trade name: Echinacea purpurea Urtinktur

Substance number: 257350

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 21.01.19

**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.

**SECTION 8: Exposure controls/personal protection****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****Initial boiling point and boiling range**

Value	> 78	°C
Source	GESTIS-Stoffdatenbank	

**Flash point**

Value	21 to 22	°C
Source	GESTIS-Stoffdatenbank	

**Vapour pressure**

Value	< 5.8	kPa
Source	GESTIS-Stoffdatenbank	

**Density**

Value	0.890
Remarks	Relative Density according specification

**SECTION 10: Stability and reactivity**

Trade name: Echinacea purpurea Urtinktur

Substance number: 257350

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 21.01.19

### 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 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 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**

### 12.5. Results of PBT and vPvB assessment

#### **General information**

There is no data available on the product apart from the information given in this subsection.

#### **Evaluation of persistence and bioaccumulation potential**

The Substance doesn't meets PBT/vPvB-criteria

### 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.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Trade name: Echinacea purpurea Urtinktur

Substance number: 257350

Version: 2 / CH

Date revised: 21.12.2018




Replaces Version: 1 / CH

Print date: 21.01.19

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

	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	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		
Transport category	3		
14.5. Environmental hazards		no	

**SECTION 15: Regulatory information****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: \*\*\*  
 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.