



Trade name: Juniperi spiritus

Substance number: 147001

Version: 3 / CH

Date revised: 30.04.12

Replaces Version: 2 / CH

Date of printing: 30.04.12

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

### 1.1. Product identifier

Juniperi spiritus

Item-No. 14700100

### 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

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. 2 H225

#### Classification in accordance with EC directives

Classification R10

### 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/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.



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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.

**Hazard symbols**

Highly flammable

**R phrases**

11 Highly flammable.

**S phrases**

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****Chemical characterization**

Extract of herbal drugs  
 Alcoholic solution

**Hazardous ingredients****Ethanol**

CAS No.	64-17-5			
EINECS no.	200-578-6			
Concentration		>=	50	%
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.



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## **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 (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.

### **7.3. Specific end use(s)**

Medicinal product

## **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)



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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

Avoid any contact with the body. Observe the usual precautions when handling chemicals. Keep away from food-stuffs, beverages and feed-stocks. Hold eye wash fountain available. Hold emergency shower available. Wash thoroughly after work. Remove soiled or soaked clothing immediately.

### 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

<b>Form</b>	Liquid		
<b>Colour</b>	colourless, clear		
<b>Odour</b>	characteristic		
<b>Boiling point</b>			
Value	>	78	°C
Source	estimated value		
<b>Flash point</b>			
Value	<	21	°C
Source	estimated value		
<b>Vapour pressure</b>			
Value	<	5.8	kPa
Source	estimated value		
<b>Density</b>			
Value	0.8692	to	0.8822 g/ml

## 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

#### Acute oral toxicity



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Reference substance	Ethanol				
Species	mouse				
LD50	3450	to	9500	mg/kg	
Reference substance	Ethanol				
Species	rat				
LD50	6200	to	15000	mg/kg	

**Acute dermal toxicity**

Reference substance	Ethanol				
Species	rabbit				
LD50	20000			mg/kg	

**Acute inhalational toxicity**

Reference substance	Ethanol				
Species	rat				
LC50	63000			ml/m <sup>3</sup>	
Duration of exposure	4	h			

**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**

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.

**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

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



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Class 3  
Label 3**14.4. Packing group**

Packing group II

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

UN 1293

**14.2. UN proper shipping name**

TINCTURES, MEDICINAL

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

Class 3

**14.4. Packing group**

Packing group II

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

UN 1293

**14.2. UN proper shipping name**

TINCTURES, MEDICINAL

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

Class 3

**14.4. Packing group**

Packing group II

**15. Regulatory information****16. Other information****R-phrases listed in chapter 3**

11 Highly flammable.

**Hazard statements listed in chapter 3**

H225 Highly flammable liquid and vapour.

**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.