



Trade name: Myrrhentinktur / Lamotte

Substance number: 721040

Version: 1 / CH

Date revised: 25.08.11

Replaces Version: - / CH

Date of printing: 22.06.12

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

### 1.1. Product identifier

Myrrhentinktur / Lamotte

Item-No. 72104002

### 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 R11

### 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.

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

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

#### Hazard symbols



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Highly flammable

**R phrases**

11 Highly flammable.

**S phrases**

16 Keep away from sources of ignition - No smoking.

**2.3. Other hazards**

In use, may form flammable/explosive vapour-air mixture. Repeated exposure may cause skin dryness or cracking. Irritating to eyes, respiratory system and skin.

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

CAS No.	64-17-5				
EINECS no.	200-578-6				
Concentration		70.0	-	90.0	%
Classification	F, R11				

Classification (Regulation (EC) No. 1272/2008)				
	Flam. Liq. 2		H225	

**4. First aid measures****4.1. Description of first aid measures****After inhalation**

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

**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.). Summon a doctor immediately.

**After ingestion**

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

Headache, Dizziness, Dizziness, Unconsciousness, Nausea

**5. Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

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

**Non Suitable extinguishing media**

Full water jet



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## 5.2. Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

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

Use personal protective clothing. Remove persons to safety. Ensure adequate ventilation. Keep away sources of ignition.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

#### Advice on protection against fire and explosion

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

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

#### Further information on storage conditions

Product is hygroscopic. Store only in the open air or in explosion-proof rooms.

## 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

Wash hands before breaks and after work.



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**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

impermeable gloves

**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****Thermal decomposition**

Remarks No decomposition if used as prescribed.

**10. Stability and reactivity****10.4. Conditions to avoid****Thermal decomposition**

Remarks No decomposition if used as prescribed.

**10.5. Incompatible materials**Reactions with strong oxidising agents. Reactions with strong acids. Reactions with earth alkali metals.  
Reactions with alkali metals.**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

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	mouse				
LC50	21000			ml/m <sup>3</sup>	
Duration of exposure	4	h			
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.



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**Serious eye damage/irritation**

Remarks Irritates the eyes and the skin.

**Sensitization**

Remarks No sensitisation effect known.

**12. Ecological information****12.2. Persistence and degradability****Biodegradability**

Remarks The product is readily biodegradable according to OECD 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. The product is highly volatile.

**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**

Disposal in compliance with local and national regulations.

**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)**

Class 3

Label 3

**14.4. Packing group**

Packing group II

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

UN 1170

**14.2. UN proper shipping name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

Class 3

**14.4. Packing group**

Packing group II

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

UN 1170

**14.2. UN proper shipping name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

Class 3



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**14.4. Packing group**

Packing group II

**15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Water Hazard Class (Ger.)**

Water Hazard Class (Ger.) WGK 2

**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.