

Trade name: Myrrhae tinctura (1:5)/Caelo

Date revised: 25.08.11

Substance number: 254605

Version: 1 / CH

Date of printing: 25.08.11

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

Trade name

Myrrhae tinctura (1:5)/Caelo

Item-No. 25460500

Company/undertaking identification

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

Emergency Switzerland :145 / Abroad +41 (0)44 251 51 51

telephone

E-mail address sdb@haenseler.ch

02. Hazards identification

Hazard symbols

F Highly flammable

R phrases

11 Highly flammable.

Classification

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Specific hazards to man and the environment

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

03. 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 Highly flammable liquid and vapour.

04. 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.

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Hints for the physician / symptoms

Headache, Dizziness, Dizziness, Unconsciousness, Nausea

05. Fire-fighting measures**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

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gasesIn case of fires, hazardous combustion gases are formed; Carbon monoxide (CO); Carbon dioxide (CO₂)**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet.

06. Accidental release measures**Personal precautions**

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

Environmental precautions

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

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**

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.

Storage**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.

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

Type	MAK			
Value	960	mg/m ³	500	ppm(V)
Short term exposure limit	1920	mg/m ³	1000	ppm(V)

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Ceiling limit value 4x15

Pregnancy group C

General protective and hygiene measures

Wash hands before breaks and after work.

Occupational exposure controls**Respiratory protection**

Not necessary, but do not inhale vapours.

Hand protection

impermeable gloves

Eye protection

Tightly fitting safety glasses

Skin protection

Fire-resistant protective clothing

09. Physical and chemical properties**10. Stability and reactivity****Materials to avoid**

Reactions with strong oxidising agents. Reactions with strong acids. Reactions with earth alkali metals.

Reactions with alkali metals.

Thermal decomposition

Remarks No decomposition if used as prescribed.

11. Toxicological information**Acute toxicity / further data****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 ³	
Duration of exposure	4	h			
Reference substance	Ethanol				
Species	rat				
LC50	63000			ml/m ³	
Duration of exposure	4	h			

Irritant/corrosive effects**Irritant effect on skin**

Remarks Irritating effects on the skin and mucous membrane.

Irritant effect on eyes

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Remarks Irritates the eyes and the skin.

Sensitization

Remarks No sensation effect known.

12. Ecological information**Biodegradability**

Remarks The product is readily biodegradable according to OECD criteria.

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**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**

UN number	1293
Class	3
Packing group	II
Label	3
Technical name	TINCTURES, MEDICINAL

Marine transport IMDG/GGVSee

UN number	1170
Class	3
Packing group	II
Technical name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Air transport ICAO/IATA

UN number	1170
Class	3
Packing group	II
Technical name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

15. Regulatory information**Hazard symbols**

F Highly flammable

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

11 Highly flammable.

S phrases

16 Keep away from sources of ignition - No smoking.

Labelling according to regulation (EC) No 1272/2008**Pictograms**

GHS02 Flame

Signal Word

Dgr Danger

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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.

National regulations

Water Hazard Class (Ger.)

Water Hazard Class WGK 2
(Ger.)

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.