

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13

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

### **1.1. Product identifier**

Aloes tinct 2,5% Anthrachinone

Item-No. 25045100

### **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 F, 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**

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13



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		%
Classification	F, R11			

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

**Anthrachinone derivatives (Barbaloin)**

CAS No.	1415-73-2			
Concentration	2.2	-	2.8	%

Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4		H302

**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**

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13

## 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

## 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

Type

SUVA

MAK

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13

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: 2012

**8.2. Exposure controls****General protective and hygiene measures**

Wash hands before breaks and after work.

**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		

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13

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 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 easily 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

Trade name: Aloes tinct 2,5% Anthrachinone

Substance number: 250451

Version: 1 / CH

Date revised: 07.03.13

Replaces Version: - / CH

Date of printing: 07.03.13

**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

**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.

H302 Harmful if swallowed.

**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.