

Trade name: Calami aetheroleum

Substance number: 013750

Version: 3 / CH

Date revised: 27.02.13

Replaces Version: 2 / CH

Date of printing: 27.02.13

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

1.1. Product identifier

Calami aetheroleum

Item-No. 01375000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Flavour/Fragrance

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)
Skin Sens. 1 H317
Aquatic Chronic 2 H411

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
P321 Specific treatment (see ... on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to ...

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

Hazard symbols



irritant

Dangerous for the
environment

R phrases

43

May cause sensitization by skin contact.

51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 84775-39-3

EINECS-Nr. 283-869-0

Chemical characterization

Mixture of the following listed substances with harmless admixtures.

Hazardous ingredients

Bornan-2-one

CAS No. 76-22-2

EINECS no. 200-945-0

Concentration 1 - 2.49 %

Classification Xi, R36/37/38

F, R11

Xn, R22

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

H228

H315

H319

H335

H302

Dipentene

CAS No. 138-86-3

EINECS no. 205-341-0

Concentration 1 - 2.49 %

Classification Xi, R38

N, R50/53

R10

R43

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

Aquatic Chronic 1 H410

Aquatic Acute 1 H400

Flam. Liq. 3 H226

Skin Irrit. 2 H315

Skin Sens. 1 H317

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(1S)-alpha-Pinene

CAS No. 7785-26-4

EINECS no. 232-077-3

Concentration < 1 %

 Classification Xn, R20/21/22-R65
 Xi, R36/38
 N, R51/53
 R10
 R43

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

Flam. Liq. 3 H226

Skin Sens. 1 H317

Asp. Tox. 1 H304

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

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

Ensure supply of fresh air. Take medical treatment. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

By continuous complaints consult a physician.

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

Carbon dioxide, Dry powder, Sand

Non Suitable extinguishing media

Water

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

No special measures required.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep away unprotected persons.

6.2. Environmental precautions

Advise water authority if spillage has entered water course or drainage system. Do not discharge into the drains/surface waters/groundwater.

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6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Ensure adequate ventilation.

7. Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid formation of aerosols.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

No special requirements.

Hints on storage assembly

Not required.

Further information on storage conditions

None.

8. Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Bornan-2-one**

List	SUVA			
Type	MAK			
Value	13	mg/m ³	2	ppm(V)
Status: 2005				

8.2. Exposure controls**Exposure controls**

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

Respiratory protection

If ventilation insufficient, use respiratory protection.

Hand protection

Protective gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Eye protection

Safety glasses

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form liquid

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Odour	characteristic		
Melting point	not determined		
Remarks			
Flash point	85 °C		
Value	85	°C	
Density	0.984 g/cm ³		
Value	0.984	g/cm ³	
Temperature	20	°C	
Solubility in water	Immiscible resp. little miscible.		
Remarks			
Thermal decomposition	No decomposition if used as prescribed.		
Remarks			

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

Remarks No decomposition if used as prescribed.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information**11.1. Information on toxicological effects****Skin corrosion/irritation**

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

Sensitization

Remarks Possibility of sensitization through skin contact.

Mutagenicity

Remarks None

Reproduction toxicity

Remarks None

Carcinogenicity

Remarks None

12. Ecological information**12.1. Toxicity****Fish toxicity**

Remarks Toxic for fishes.

12.6. Other adverse effects**General information / ecology**

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Product is hazardous to water. Do not allow it to reach ground water, water bodies or sewage system.
 Toxic for aquatic organisms. Hazard for drinking water supplies.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee

14.1. UN number

UN 3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

Marine Pollutant

Air transport ICAO/IATA

14.1. UN number

UN 3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

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

Remarks Self-assessment

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VOC

VOC (CH) < 3 %

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

16. Other information**R-phrases listed in Chapter 3**

10	Flammable.
11	Highly flammable.
20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
22	Harmful if swallowed.
36/37/38	Irritating to eyes, respiratory system and skin.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
43	May cause sensitization by skin contact.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

Hazard statements listed in Chapter 3

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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.