

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

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

1.1. Product identifier

Citronellae aetheroleum ceylanicum

Item-No. 01425000

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)

Asp. Tox. 1	H304
Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Dam. 1	H318
Aquatic Chronic 2	H411

Classification in accordance with EC directives

Classification	Xn, R65
	Xi, R38-R41
	R43
	N, R51/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H304

May be fatal if swallowed and enters airways.

H315

Causes skin irritation.

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P321 Specific treatment (see ... on this label).
 P405 Store locked up.
 P501 Dispose of contents/container to ...

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

Harmful



Dangerous for the environment

R phrases

38 Irritating to skin.
 41 Risk of serious damage to eyes.
 43 May cause sensitization by skin contact.
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.

S phrases

24 Avoid contact with skin.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 37/39 Wear suitable gloves and eye/face protection.
 57 Use appropriate container to avoid environmental contamination.
 60 This material and its container must be disposed of as hazardous waste.
 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazardous component(s) to be indicated on label

contains Geraniol;citronellal;Dipentene;citronellol

3. Composition/information on ingredients**Chemical characterization**

Mixture of the following listed substances with harmless admixtures.

Hazardous ingredients**Geraniol**

CAS No.	106-24-1				
EINECS no.	203-377-1				
Concentration	>=	10	<	25	%
Classification	Xi, R38-R41 R43				

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

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Dam. 1	H318

p-mentha-1,4(8)-diene

CAS No.	586-62-9
EINECS no.	209-578-0
Concentration	>= 1 < 10 %

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

Asp. Tox. 1
Flam. Liq. 3
Aquatic chronic 2

citronellal

CAS No.	106-23-0
EINECS no.	203-376-6
Concentration	>= 1 < 10 %

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

Skin Irrit. 2
Skin Sens. 1
Flam. Liq. 4
Aquatic chronic 2

citronellol

CAS No.	106-22-9
EINECS no.	203-375-0
Concentration	>= 1 < 10 %

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

Skin Irrit. 2
Skin Sens. 1
Aquatic chronic 2

beta-Caryophyllen

CAS No.	87-44-5
EINECS no.	201-746-1
Concentration	>= 1 < 10 %
Classification	Xn, R65

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

Asp. Tox. 1	H304
-------------	------

Terpineol

CAS No.	8000-41-7
EINECS no.	232-268-1
Concentration	>= 10 < 25 %

Dipentene

CAS No.	138-86-3
EINECS no.	205-341-0
Concentration	>= 1 < 10 %
Classification	Xi, R38 N, R50/53

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

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

Eugenol

CAS No. 97-53-0

EINECS no. 202-589-1

Concentration < 1 %

Classification Xi, R36-R43

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

H317
H319**Farnesol**

CAS No. 4602-84-0

EINECS no. 225-004-1

Concentration < 1 %

geranyl acetate

CAS No. 105-87-3

EINECS no. 203-341-5

Concentration \geq 1 < 10 %

Classification N, R51/53

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

Aquatic Chronic 2 H411

Citral

CAS No. 5392-40-5

EINECS no. 226-394-6

Concentration < 1 %

Classification Xi, R38
R43

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

Skin Irrit. 2 H315
Skin Sens. 1 H317**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

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

Wash off immediately with soap and water and rinse well.

After eye contact

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

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**

Not required.

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.

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. When picked up, treat material as prescribed under heading "Disposal".

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

No special measures necessary.

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**8.2. Exposure controls****Exposure controls**

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

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

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Avoid contact with skin. Avoid contact with eyes and skin.

Respiratory protection

Not necessary.

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; Tightly fitting safety glasses

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

Form	liquid
Colour	yellowish
Odour	characteristic
Melting point	
Remarks	not determined
Flash point	
Value	83 °C
Density	
Value	0.904 g/cm ³
Temperature	20 °C
Solubility in water	
Remarks	Immiscible resp. little miscible.
Thermal decomposition	
Remarks	No decomposition if used as prescribed.

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

No decomposition if stored and applied as directed.

Thermal decomposition

Remarks No decomposition if used as prescribed.

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

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

Remarks Irritating effects on the skin and mucous membrane.

Serious eye damage/irritation

valuation strongly irritant

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

Remarks Danger acute eye damage.

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**

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

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.

Danger releasing substance p-mentha-1,4(8)-diene, citronellol

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

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

UN 3082

14.2. UN proper shipping name

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

Danger releasing substance p-mentha-1,4(8)-diene, citronellol

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Environmental labelling ENVIRONMENTALLY HAZARDOUS

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

UN 3082

14.2. UN proper shipping name

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

Danger releasing substance p-mentha-1,4(8)-diene, citronellol

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

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

VOC (CH) 8.5 %

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.
36	Irritating to eyes.
38	Irritating to skin.
41	Risk of serious damage to eyes.
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.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	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

Trade name: Citronellae aetheroleum ceylanicum

Substance number: 014250

Version: 3 / CH

Date revised: 22.02.13

Replaces Version: 2 / CH

Date of printing: 22.02.13

guarantee for any specific product properties and shall not establish a legally valid relationship.