

Trade name: Pfefferminz Aroma / 0020030

Substance number: 326400

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Pfefferminz Aroma / 0020030

Item No. 32640000

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/Manufacturer

Hänseler AG

Industriestrasse 35

9100 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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Acute Tox. 4 H302

Skin Irrit. 2 H315

Skin Sens. 1 H317

Aquatic Chronic 2 H411

Asp. Tox. 1 H304

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H302

Harmful if swallowed.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

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H411 Toxic to aquatic life with long lasting effects.
H304 May be fatal if swallowed and enters airways.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331 Do NOT induce vomiting.
P501 Dispose of contents/container to ...

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains l-p-mentha-1(6),8-dien-2-one; Menthae arvensis oil; spearmint oil

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of the following listed substances with harmless admixtures.

Hazardous ingredients**Menthae arvensis oil**

Concentration	>=	62		%
Classification (Regulation (EC) No. 1272/2008)				
		Asp. Tox. 1		H304
		Aquatic Chronic 2		H411
		Acute Tox. 4		H302
		Skin Irrit. 2		H315
		Skin Sens. 1		H317

spearmint oil

CAS No.	8008-79-5			
EINECS no.	283-656-2			
Concentration	>=	50		%
Classification (Regulation (EC) No. 1272/2008)				
		Aquatic Chronic 2		H411
		Skin Sens. 1		H317

l-p-mentha-1(6),8-dien-2-one

CAS No.	6485-40-1			
EINECS no.	229-352-5			
Concentration	>=	1	<	6.1 %
Classification (Regulation (EC) No. 1272/2008)				
		Acute Tox. 4		H302
		Skin Sens. 1		H317

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose of safely.

After inhalation

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

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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

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

SECTION 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.

5.2. Special hazards arising from the substance or mixture

Development of toxic gases

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

No special measures required.

SECTION 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.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 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 required.

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.

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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

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

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

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.

Appropriate Material

Gloves / multi-resistant to chemicals: Barrier 02-100 (Ansell)

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid
Colour	light yellow
Odour	characteristic

Initial boiling point and boiling range

Remarks not determined

Flash point

Value 78 °C

Vapour pressure

Value 5 hPa

Temperature 20 °C

Density

Value 0.916 g/cm³

Temperature 20 °C

Solubility in water

Remarks Immiscible resp. little miscible.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No hazardous reactions known.

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10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE	1'167.60	mg/kg
	83	

Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)**spearmint oil**

Species	rat	
LD50	5000	mg/kg

Menthae arvensis oil

Species	rat	
LD50	1240	mg/kg

Acute dermal toxicity (Components)**spearmint oil**

Species	rabbit	
LD50	> 5000	mg/kg

Menthae arvensis oil

Species	rabbit	
LD50	> 5000	mg/kg

Skin corrosion/irritation

Remarks	Irritates the mucous membrane.
Remarks	Irritating to skin.

Serious eye damage/irritation

Remarks	None
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Sensitization

Remarks	May cause sensitization by skin contact.
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Mutagenicity

Remarks	None
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Reproductive toxicity

Remarks	None
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Carcinogenicity

Remarks	None
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SECTION 12: Ecological information**12.1. Toxicity****General information**

There is no data available on the product apart from the information given in this subsection.

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12.2. Persistence and degradability

General information

There is no data available on the product apart from the information given in this subsection.

12.3. Bioaccumulative potential

General information

There is no data available on the product apart from the information given in this subsection.

12.4. Mobility in soil

General information

There is no data available on the product apart from the information given in this subsection.

12.5. Results of PBT and vPvB assessment

General information

There is no data available on the product apart from the information given in this subsection.

12.6. Other adverse effects

General information

There is no data available on the product apart from the information given in this subsection.

General information / ecology

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code

No not dispose with rubbish.

Disposal in compliance with local and national regulations.

EWC waste code

Should not be released into the sanitary sewer system.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	-		
14.1. UN number	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (spearmint oil)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (spearmint oil)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (spearmint oil)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 I		
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 3

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1 Aspiration hazard, Category 1

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Skin Irrit. 2

Skin irritation, Category 2

Skin Sens. 1

Skin sensitization, Category 1

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.