



Trade name: Holunderblüten Pulveraroma

Substance number: 323830

Version: 1 / CH

Date revised: 03.05.12

Replaces Version: - / CH

Date of printing: 03.05.12

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

1.1. Product identifier

Holunderblüten Pulveraroma

Item-No. 32383000

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

Use of the substance/preparation

flavoring agent, Active pharmaceutical substance

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)
Aquatic Chronic 3 H412

Classification in accordance with EC directives

Classification R52/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

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.

R phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

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



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contains Terpenes and Terpenoids, lime-oil; Geranium oil; Grapefruit Oil

3. Composition/information on ingredients

Hazardous ingredients

Terpenes and Terpenoids, lime-oil

CAS No.	68917-71-5				
Concentration	>=	1	<	10	%
Classification	Xi, R38-R43 N, R50/53 R10				

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

Flam. Liq. 3	H226
Skin Irrit. 2	H315
Skin Sens. 1	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Geranium oil

CAS No.	8000-46-2				
EINECS no.	290-140-0				
Concentration	>=	1	<	10	%
Classification	Xi, R36/38-R43 Xn, R65 N, R51/53				

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

H304
H315
H317
H319
H411

Grapefruit Oil

CAS No.	8016-20-4				
EINECS no.	289-904-6				
Concentration	>=	1	<	10	%
Classification	Xi, R38-R43 Xn, R65 N, R50/53 R10				

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

H226
H304
H315
H317
H400
H410

Ethyl acetate

CAS No.	141-78-6				
EINECS no.	205-500-4				
Concentration	>=	1	<	10	%
Classification	Xi, R36				



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F, R11
R66
R67

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

Flam. Liq. 2	H225
Eye Irrit. 2	H319
STOT SE 3	H336

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

In general the product isn't skin irritating.

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, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

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

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up mechanically.

6.4. Reference to other sections

Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

7. Handling and storage

7.1. Precautions for safe handling



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Advice on safe handling

No special measures necessary if used correctly.

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.

8. Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Ethyl acetate**

List	SUVA			
Type	MAK			
Value	1400	mg/m ³	400	ppm(V)
Short term exposure limit	2800	mg/m ³	800	ppm(V)
Maximum limit value: 4x15; Pregnancy group: C; Status: 2005;				

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

Wash hands before breaks and after work.

Respiratory protection

Not necessary.

Hand protection

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

Not necessary.

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

Form	Powder
Colour	white to light brown
Odour	characteristic
Odour threshold	
Remarks	Not determined
pH	
Remarks	Not applicable
Melting point	
Remarks	Not determined
Boiling point	
Remarks	Not determined
Flash point	



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Value > 83 °C

Flammability

Not self inflammable

Vapour pressure

Remarks Not applicable

Density

Remarks Not determined

Solubility in water

Remarks soluble

Solubility in other solvents

organic solvents

Value 0.0 %

Octanol/water partition coefficient (log Pow)

Remarks Not determined

Thermal decomposition

Remarks No decomposition if used as prescribed.

9.2. Other information**Other information**

Forms explosive mixture with air are possible.

10. Stability and reactivity**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

10.4. Conditions to avoid**Thermal decomposition**

Remarks No decomposition if used as prescribed.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**Species rat
LD50 4400 mg/kg**Acute dermal toxicity**Species rabbit
LD50 > 5000 mg/kg**Skin corrosion/irritation**

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

Sensitization

Remarks No sensitisation effect known.



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12. Ecological information

12.1. Toxicity

Fish toxicity

Remarks Harmful to fishes.

12.2. Persistence and degradability

Biodegradability

Remarks No data available.

12.3. Bioaccumulative potential

Octanol/water partition coefficient (log Pow)

Remarks Not determined

12.6. Other adverse effects

General information / ecology

Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Harmful to 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 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

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 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Environmental labelling ENVIRONMENTALLY HAZARDOUS



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Air transport ICAO/IATA

14.1. UN number

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

15. Regulatory information

15.2. 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.
36	Irritating to eyes.
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.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

Hazard statements listed in chapter 3

H225	Highly flammable liquid and vapour.
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.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
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 guarantee for any specific product properties and shall not establish a legally valid relationship.