



Trade name: Orangen Aroma EFLA020271

Date revised: 20.08.10

Substance number: 325720

Version: 2 / CH

Date of printing: 20.08.10

01. Identification of the substance/preparation and of the company/undertaking

Trade name

Orangen Aroma EFLA020271

Item-No. 32572000

Use of the substance/preparation

flavour/ fragrance

Company/undertaking identification

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

Emergency Switzerland :145 / Abroad +41 (0)44 251 51 51

telephone

E-mail address sdb@haenseler.ch

02. Hazards identification

Classification

Classification Xi, R38
R43
N, R50/53

Hazard symbols

N Dangerous for the environment
Xn Harmful

R phrases

38 Irritating to skin.
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.

03. Composition / information on ingredients ***

Chemical characterization

Mixture of the following listed substances with harmless admixtures.

Hazardous ingredients ***

Citrus, ext.

CAS no. 68606-94-0

EINECS no. 304-454-3

Concentration >= 50 %

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

Asp. Tox. 1
Skin Irrit. 2
Skin Sens. 1
Aquatic Chronic
3

Orange, sweet, ext.

CAS no. 8028-48-6



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EINECS no. 232-433-8
Concentration >= 25 < 50 %

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

Asp. Tox. 1
Flam. Liq. 3
Aquatic Acute 1
Aquatic Chronic
1
Skin Irrit. 2
Skin Sens. 1

Mandarin orange, ext.

CAS no. 8008-31-9
EINECS no. 284-521-0
Concentration >= 10 < 25 %

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

Asp. Tox. 1
Flam. Liq. 3
Skin Irrit. 2
Skin Sens. 1

Lemon, ext.

CAS no. 84929-31-7
EINECS no. 284-515-8
Concentration >= 1 < 10 %

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

Asp. Tox. 1
Flam. Liq. 3
Aquatic Chronic
1
Skin Irrit. 2
Skin Sens. 1

04. 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.). Begin with medical treatment.

After ingestion

In the event of symptoms take medical treatment.

05. Fire-fighting measures**Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Special protective equipment for fire-fighting

No special measures required.

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06. Accidental release measures

Personal precautions

Not required.

Environmental precautions

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

Methods for cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under heading "Disposal". Ensure adequate ventilation.

07. Handling and storage

Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols.

Advice on protection against fire and explosion

No special measures necessary.

Storage

Requirements for storage rooms and vessels

No special requirements.

Hints on storage assembly

Not required.

Further information on storage conditions

None.

08. Expose controls/personal protection

General protective and hygiene measures

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

Occupational exposure controls

Respiratory protection

Short term: filter apparatus; At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

Protective gloves

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

09. Physical and chemical properties

General information

Form	liquid
Colour	dark yellow to orange
Odour	characteristic



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Important health, safety and environmental information**Flash point**

Value 56 °C

Boiling point

Remarks not determined

Melting point

Remarks not determined

DensityValue 0.849 g/cm³**Solubility in water**

Remarks Immiscible resp. little miscible.

Solvent content

Value 0.0 %

Flammability :

Not self inflammable

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

No hazardous reactions known.

Hazardous decomposition products

None known

Thermal decomposition

Remarks No decomposition if used as prescribed.

11. Toxicological information**Acute toxicity / further data****Acute oral toxicity**

Reference substance	Orange, sweet, ext.	
Species	rat	
LD50	4400	mg/kg
Reference substance	Lemon, ext.	
Species	rat	
LD50	2840	mg/kg

Acute dermal toxicity

Reference substance	Orange, sweet, ext.	
Species	rabbit	
LD50	> 2000	mg/kg
Reference substance	Lemon, ext.	
Species	rabbit	
LD50	> 5000	mg/kg

Irritant/corrosive effects**Irritant effect on skin**

Remarks Irritating effects on the skin and mucous membrane.

Irritant effect on eyes

Remarks No effect of irritation known

Sensitization

Remarks Possibility of sensitization through skin contact.



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12. Ecological information

Fish toxicity

Remarks Harmful to fishes.

General information / ecology

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

13. Disposal considerations

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

UN number 1197
Class 3
Packing group III
Label 3
Technical name EXTRACTS, FLAVOURING, LIQUID
Special provision 640E

Marine transport IMDG/GGVSee

UN number 1197
Class 3
Packing group III
Technical name EXTRACTS, FLAVOURING, LIQUID
Marine Pollutant Marine Pollutant

Air transport ICAO/IATA

UN number 1197
Class 3
Packing group III
Technical name EXTRACTS, FLAVOURING, LIQUID

15. Regulatory information ***

Labelling in accordance with EC directives ***

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols ***

N Dangerous for the environment
Xn Harmful

Hazardous component(s) to be indicated on label

contains *** Citrus, ext.Mandarin orange, ext.Lemon, ext.Orange, sweet, ext.

R phrases ***

38 Irritating to skin.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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S phrases ***

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23	Do not breathe vapours/aerosols.
24/25	Avoid contact with skin and eyes.
37	Wear suitable gloves.
57	Use appropriate container to avoid environmental contamination.
60	This material and its container must be disposed of as hazardous waste.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Labelling according to regulation (EC) No 1272/2008**Pictograms**

GHS08	Health hazard
GHS07	Exclamation mark
GHS09	Environment

Signal Word

Dgr	Danger
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Hazard statements

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.

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/physician.
P405	Store locked up.

16. Other information

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.