

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

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

Trade name

Orangenöl / EFLA 106330

Item-No. 32584000

Use of the substance/preparation

flavoring agent, Active pharmaceutical substance

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 of sdb@haenseler.ch

person responsible

for this SDS

02. Hazards identification

Classification

Classification R10-R43
Xi, R38
Xn, R65
N, R50/53

Hazard symbols

Xn Harmful
N Dangerous for the environment

R phrases

10 Flammable.
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.
65 Harmful: may cause lung damage if swallowed.

Classification

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

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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

03. Composition / information on ingredients

Hazardous ingredients

Orange, sweet, ext.

CAS no. 8028-48-6

EINECS no. 232-433-8

Concentration >= 50 %

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

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

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

04. First aid measures

After inhalation

If the patient is likely to become unconscious, place and transport in stable sideways position. Ensure supply of fresh air. Summon a doctor immediately.

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.). By continuous complaints consult a physician.

After ingestion

By continuous complaints consult a physician.

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.

06. Accidental release measures

Personal precautions

Wear protective equipment. Keep away unprotected persons.

Environmental precautions

Dilute with lot of water. Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

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

07. Handling and storage

Handling

Advice on safe handling

Keep container tightly closed.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges.

Storage

Requirements for storage rooms and vessels

No special requirements.

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

Hints on storage assembly

Not required.

Further information on storage conditions

Keep container tightly closed.

08. Expose controls/personal protection**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 eyes and skin.

Occupational exposure controls**Respiratory protection**

Not necessary.

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

Tightly fitting safety glasses

09. Physical and chemical properties**General information**

Form	liquid, clear
Colour	yellow to orange
Odour	characteristic

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

Value	46	°C
-------	----	----

Boiling point

Value	176	°C
-------	-----	----

Melting point

Remarks	Not determined
---------	----------------

Density

Value	0.842	g/cm ³
Temperature	20	°C

Solubility in water

Remarks	Completely miscible
---------	---------------------

Forms explosive mixture with air are possible.

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

No decomposition if stored and applied as directed.

Hazardous decomposition products

None known

Thermal decomposition

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

Remarks No decomposition if used as prescribed.

11. Toxicological information

Acute toxicity / further data

Acute oral toxicity

Species	rat		
LD50	4400		mg/kg

Acute dermal toxicity

Species	rabbit		
LD50	> 2000		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.

12. Ecological information

Fish toxicity

Remarks Very toxic for fishes.

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.

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	1169
Class	3
Packing group	III
Label	3
Technical name	EXTRACTS, AROMATIC, LIQUID
Special provision	640E

Marine transport IMDG/GGVSee

UN number	1169
Class	3
Packing group	III
Technical name	EXTRACTS, AROMATIC, LIQUID
Marine Pollutant	Marine Pollutant

Air transport ICAO/IATA

UN number	1169
Class	3

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

Packing group
Technical nameIII
EXTRACTS, AROMATIC, 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

Xn	Harmful
N	Dangerous for the environment

Hazardous component(s) to be indicated on label

R phrases

10	Flammable.
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.
65	Harmful: may cause lung damage if swallowed.

S phrases

24	Avoid contact with skin.
37	Wear suitable gloves.
61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
60	This material and its container must be disposed of as hazardous waste.

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

GHS08	Health hazard
GHS02	Flame
GHS09	Environment
GHS07	Exclamation mark

Signal Word

Dgr	Danger
-----	--------

Hazard statements

H304	May be fatal if swallowed and enters airways.
H226	Flammable liquid and vapour.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P405	Store locked up.
P501.1	Dispose of contents/container to be taken to an authorised special waste incineration plant.

16. Other information

Trade name: Orangenöl / EFLA 106330

Date revised: 06.02.12

Substance number: 325840

Version: 1 / CH

Date of printing: 06.02.12

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.