

Trade name: Neo Heliopan OS/BP

Substance number: 270900

Version: 2 / CH

Date revised: 03.11.2025

Replaces Version: 1 / CH

Print date: 03.11.25

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

1.1. Product identifier

Neo Heliopan OS/BP

Item No. 27090000

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

Use of the substance/preparation

Manufacture of cosmetics, 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)

Repr. 2

H361fd

Aquatic Chronic 1

H410

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

Hazard pictograms ***



Signal word

Warning

Hazard statements ***

H361fd

Suspected of damaging fertility. Suspected of damaging the unborn child.

H410

Very toxic to aquatic life with long lasting effects.

Precautionary statements ***

P201

Obtain special instructions before use.

P273

Avoid release to the environment.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308+P313 IF exposed or concerned: Get medicinal advice/attention.
 P391 Collect spillage.
 P501.3 Disposal in compliance with local and national regulations.

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

contains *** 2-ethylhexyl salicylate

Reduced labeling (<= 125 ml)**Hazard pictograms *******Signal word *****

Warning

Hazard statements ***

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

Precautionary statements ***

P201 Obtain special instructions before use.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308+P313 IF exposed or concerned: Get medicinal advice/attention.
 P405 Store locked up.
 P501.3 Disposal in compliance with local and national regulations.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Molecular weight**

Value 250.37 g/mol

Hazardous ingredients**2-ethylhexyl salicylate**

CAS No. 118-60-5
 EINECS no. 204-263-4
 Registration no. 01-2119978235-29-0000/-0013/-0014
 Concentration >= 50 %
 Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 1 H410
 Repr. 2 H361

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Chronic M = 1
 1

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

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General information

Remove affected person from danger area. In any case show the physician the Safety Data Sheet. Do not leave casualty unattended.

After inhalation

Remove the casualty into fresh air and keep him calm. Keep warm and at rest. Irregular breathing/no breathing: artificial respiration. In the event of symptoms take medical treatment.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well. Consult a doctor if symptoms occur.

After eye contact

Rinse the affected eye immediately with plenty of water at the same time keep the unaffected eye well protected. Remove contact lenses. By continuous complaints consult a physician.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Take medical treatment.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

recommended: alcohol resistant foam, CO₂, powders, water spray/mist

Non suitable extinguishing media

Full water jet

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

Use self-contained breathing apparatus. Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Ensure adequate ventilation. Remove persons to safety.

6.2. Environmental precautions

Do not discharge into surface waters/groundwater. Do not empty into drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

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

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Wear protective equipment. Smoking, eating and drinking should be prohibited in application area. Do not allow to enter drains or water courses.

Advice on protection against fire and explosion

Keep away from ignition sources, fire and open light.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a well-ventilated place. Keep in a dry place. Electrical installations/working materials must comply with the local applied technological safety standards. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

None known

Storage classes

Storage class according to TRGS 510

10

Flammable liquids

Storage category (Switzerland)

10/12

Other liquid hazardous substances

Further information on storage conditions

None.

7.3. Specific end use(s)

Component of cosmetic products; flavour/ fragrance

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Derived No/Minimal Effect Levels (DNEL/DMEL)

2-ethylhexyl salicylate

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	11.7	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	50	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	2.89	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
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Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	25	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	0.83	mg/kg/d

Predicted No Effect Concentration (PNEC)**2-ethylhexyl salicylate**

Type of value	PNEC	
Type	Water	
Concentration	0.00082	mg/l

Type of value	PNEC	
Type	Saltwater	
Concentration	0.000082	mg/l

8.2. Exposure controls**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation.

Hand protection

Chemical resistant gloves		
Appropriate Material	nitrile	
Material thickness	0.4	mm
Appropriate Material	Butyl rubber	
Material thickness	0.7	mm

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

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

Physical state	liquid, clear
Colour	colourless to pale yellow
Odour	characteristic
Melting point	
Value	< -20 °C
Method	Regulation (EC) No. 440/2008, Annex, A.1
Boiling point or initial boiling point and boiling range	
Value	> 300 °C
Pressure	1004 hPa
Method	Regulation (EC) No. 440/2008, Annex, A.2
Flash point	

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Value	162	°C
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Decomposition temperature

Remarks	not determined
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pH value

Remarks	Not applicable
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Viscosity**dynamic**

Value	10.1	mPa.s
Temperature	20	°C
Method	OECD 114	

dynamic

Value	5.2	mPa.s
Temperature	40	°C
Method	OECD 114	

Partition coefficient n-octanol/water (log value)

log Pow	5.94	
Temperature	25	°C
Method	OECD 123	

Vapour pressure

Value	0.00018	hPa
Temperature	20	°C
Method	OECD 104	
Value	0.00051	hPa
Temperature	9	°C
Method	OECD 104	
Value	0.00783	hPa
Temperature	50	°C
Method	OECD 104	

Density and/or relative density

Value	1.0124	to	1.0174	g/ml
Temperature	20	°C		
Method	Regulation (EC) No. 440/2008, Annex, A.3			
Remarks	Relative Density according specification			

9.2. Other information**Solubility in water**

Value	0.0744	g/l
Temperature	20	°C
Method	OECD 105	
Remarks	immiscible	

Auto-ignition temperature

Value	245	to	255	°C
Method	Regulation (EC) No. 440/2008, Annex, A.16			

Other information

Forms explosive mixture with air are possible.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

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10.2. Chemical stability

Vapours can form an explosive mixture with air. No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Vapours can form an explosive mixture with air. No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)**2-ethylhexyl salicylate**

Species	Rats (male/female)	
LD50	> 5000	mg/kg
Method	OECD 401	

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)**2-ethylhexyl salicylate**

Species	Rats (male/female)	
LD50	> 5000	mg/kg
Duration of exposure	402	

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation (Components)**2-ethylhexyl salicylate**

Species	rabbit	
Duration of exposure	4	h
evaluation	non-irritant	
Method	OECD 404	

Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)**2-ethylhexyl salicylate**

Species	rabbit
evaluation	slightly irritant
Method	OECD 405

Sensitization

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Remarks Based on available data, the classification criteria are not met.

Sensitization (Components)**2-ethylhexyl salicylate**

Route of exposure dermal
Species guinea pig
evaluation non-sensitizing
Method OECD 406

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Mutagenicity (Components)**2-ethylhexyl salicylate**

evaluation No mutagenicity in the Ames-test.
Method OECD 471

Reproductive toxicity

evaluation Suspected of damaging fertility. Suspected of damaging the unborn child.
Remarks The classification criteria are met.

Reproduction toxicity (Components)**2-ethylhexyl salicylate**

evaluation Suspected of damaging fertility or the unborn child.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity (Components)**2-ethylhexyl salicylate**

Remarks not determined

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**2-ethylhexyl salicylate**

Remarks not determined

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****2-ethylhexyl salicylate**

Species zebra fish (Brachydanio rerio)
LC50 > 82 mg/l
Duration of exposure 96 h
Method OECD 203

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Daphnia toxicity (Components)**2-ethylhexyl salicylate**

Species	Daphnia magna	
EC50	10	mg/l
Duration of exposure	48	h
Method	static test	

2-ethylhexyl salicylate

Species	Daphnia magna	
EC10	0.0082	mg/l
Duration of exposure	21	d
Method	OECD 211	

Algae toxicity (Components)**2-ethylhexyl salicylate**

Species	Raphidocelis subcapitata	
EC10	> 0.011	mg/l
Duration of exposure	72	h
Method	OECD 201	

2-ethylhexyl salicylate

Species	Raphidocelis subcapitata	
EC50	> 0.011	mg/l
Duration of exposure	72	h
Method	OECD 201	

Bacteria toxicity (Components)**2-ethylhexyl salicylate**

Species	activated sludge	
EC50	> 10000	mg/l
Method	OECD 209	

12.2. Persistence and degradability**Biodegradability (Components)****2-ethylhexyl salicylate**

Value	89	%
Duration of test	28	d
evaluation	Readily biodegradable	
Method	OECD 301D	

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

log Pow	5.94	
Temperature	25	°C
Method	OECD 123	

12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties

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Endocrine disrupting properties with respect to the environment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**




Disposal in compliance with local and national regulations.

Do not allow to enter drains or water courses.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information ***

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

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 2

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other information ***The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.**SECTION 16: Other information**

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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Repr. 2

H361fd

Calculation method

Aquatic Chronic 1

H410

Calculation method

Hazard statements listed in Chapter 2/3

H361

Suspected of damaging fertility or the unborn child.

H361fd

Suspected of damaging fertility. Suspected of damaging the unborn child.

H410

Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aquatic Chronic 1

Hazardous to the aquatic environment, chronic, Category 1

Repr. 2

Reproductive toxicity, Category 2

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.