

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

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

### **1.1. Product identifier**

Neo Heliopan OS

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)

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**

H410 Very toxic to aquatic life with long lasting effects.

##### **Precautionary statements**

P273 Avoid release to the environment.

P391 Collect spillage.

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

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

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**

#### **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

Concentration limits (Regulation (EC) No. 1272/2008)	
Aquatic Chronic	M = 1
1	

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

##### **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. By continuous complaints consult a physician.

##### **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, CO<sub>2</sub>, 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.

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

## **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.

## **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.

#### **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**

### **8.2. 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		

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

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**

<b>Physical state</b>	liquid, clear		
<b>Colour</b>	colourless to pale yellow		
<b>Odour</b>	characteristic		
<b>Melting point</b>			
Value	<	-20	°C
Method	Regulation (EC) No. 440/2008, Annex, A.1		
<b>Boiling point or initial boiling point and boiling range</b>			
Value	>	300	°C
Pressure		1004	hPa
Method	Regulation (EC) No. 440/2008, Annex, A.2		
<b>Flash point</b>			
Value		162	°C
<b>Decomposition temperature</b>			
Remarks	not determined		
<b>pH value</b>			
Remarks	Not applicable		
<b>Viscosity</b>			
<b>dynamic</b>			
Value		10.1	mPa.s
Temperature		30	°C
Method	OECD 114		
<b>dynamic</b>			
Value		5.2	mPa.s
Temperature		40	°C
Method	OECD 114		
<b>Partition coefficient n-octanol/water (log value)</b>			
log Pow		5.94	
Temperature		25	°C
Method	OECD 123		
<b>Vapour pressure</b>			
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**

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

Value	1.0120	to	1.0170	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	

**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.

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

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

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

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

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

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

**Serious eye damage/irritation (Components)**

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

**2-ethylhexyl salicylate**

Species	rabbit
evaluation	non-irritant
Method	OECD 405

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

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

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

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

**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		

**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	Pseudokirchneriella subcapitata		
EC10	> 0.011		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**2-ethylhexyl salicylate**

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

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

Trade name: Neo Heliopan OS

Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

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 evaluation	28	d
Method	Readily biodegradable	
	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****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.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

Trade name: Neo Heliopan OS




Substance number: 270900

Version: 1 / CH

Date revised: 15.03.2023

Replaces Version: - / CH

Print date: 15.03.23

	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. (2-ethylhexyl salicylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl salicylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl salicylate)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

## 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

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

H410      Very toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Chronic 1      Hazardous to the aquatic environment, chronic, 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.