

Trade name: Sucralose für In Orpha

Substance number: 067980

Version: 3 / CH

Date revised: 04.04.2022

Replaces Version: 2 / CH

Print date: 04.04.22

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

1.1. Product identifier

Sucralose für In Orpha

Item No. 06798000

Registration no.

EC No.: 259-952-2

CAS No. 56038-13-2

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

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients ***

Further ingredients ***

1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose

CAS No. 56038-13-2

EINECS no. 259-952-2

Concentration >= 95 %

Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Foam, Carbon dioxide, Dry powder

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5.2. Special hazards arising from the substance or mixture

The product is combustible. In case of combustion evolution of dangerous gases possible.

SECTION 6: Accidental release measures**6.3. Methods and material for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal.

SECTION 7: Handling and storage**7.2. Conditions for safe storage, including any incompatibilities****Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****Respiratory protection**

Breathing apparatus in the event of aerosol, mist or fume formation. Particle filter P1

Hand protection

Appropriate Material	nitrile rubber - NBR		
Material thickness	0.11	mm	
Breakthrough time	480	min	

Eye protection

Safety glasses; Eye protection must comply with EN 166.

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

Form	solid		
Colour	white		
Odour	odourless		
pH value			
Value	6	to	8
Concentration/H ₂ O	100	g/l	
Temperature	20	°C	
Melting point			
Value	114.5		°C
Method	OECD 102		
Flash point			
Remarks	Not applicable		
Solubility in water			
Value	300		g/l
Temperature	25	°C	
Partition coefficient: n-octanol/water			
log Pow	to	-0.51	
Temperature	20	°C	

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Decomposition temperature

Value 114.5 °C

9.2. Other information**Other information**

Forms explosive mixture with air are possible.

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

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

Avoid dust formation.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

In the event of fire the following can be released: Hydrogen chloride (HCl)

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Remarks Information refers to the main component.

Acute oral toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

Species	rat	
LD50	> 10000	mg/kg
Method	OECD 401	

Skin corrosion/irritation

Remarks Information refers to the main component.

Skin corrosion/irritation (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

evaluation	non-irritant
Method	OECD 439

Serious eye damage/irritation

Remarks Information refers to the main component.

Serious eye damage/irritation (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

evaluation	non-irritant
Method	OECD 439

Sensitization

Remarks Information refers to the main component.

Sensitization (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

Species	guinea pig
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evaluation	non-sensitizing
Method	OECD 406

Mutagenicity

Remarks	Information refers to the main component.
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Mutagenicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

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

Reproductive toxicity

Remarks	Information refers to the main component.
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Reproduction toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

Remarks	No data available
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Specific Target Organ Toxicity (STOT)

Remarks	Information refers to the main component.
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Specific Target Organ Toxicity (STOT) (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

Remarks	No data available
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SECTION 12: Ecological information**12.1. Toxicity****General information**

Information refers to the main component.

Fish toxicity

Source	Merck KGaA Safety Data Sheet
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Fish toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

Species	rainbow trout (Oncorhynchus mykiss)
LC50	1000 mg/l
Duration of exposure	96 h
Method	OECD 203

Daphnia toxicity

Source	Merck KGaA Safety Data Sheet
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Daphnia toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

Species	Daphnia magna
EC50	> 1800 mg/l
Duration of exposure	48 h

Algae toxicity

Source	Merck KGaA Safety Data Sheet
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Algae toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-a-D-galactose**

Species	Pseudokirchneriella subcapitata
ErC50	> 1800 mg/l
Duration of exposure	96 h
Method	OECD 201

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Bacteria toxicity (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

Species	activated sludge		
EC10	>	320	mg/l
Duration of exposure	3	h	
Method	OECD 209		

12.2. Persistence and degradability**Biodegradability**

Source Merck KGaA Safety Data Sheet

Biodegradability (Components)**1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl 4-chloro-4-deoxy-α-D-galactose**

Value	4	%
Duration of test evaluation	28	d
Method	not readily degradable 301 E	

12.3. Bioaccumulative potential**General information**

Information refers to the main component.

Partition coefficient: n-octanol/water

log Pow	to	-0.51
Temperature	20	°C

SECTION 13: Disposal considerations**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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 3

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

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**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

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guarantee for any specific product properties and shall not establish a legally valid relationship.