

Trade name: Simplex sirupus conservatus

Substance number: 146001

Version: 1 / CH

Date revised: 21.08.2023

Replaces Version: - / CH

Print date: 21.08.23

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

1.1. Product identifier

Simplex sirupus conservatus

Item No. 14600100

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.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Further ingredients

Sucrose

CAS No. 57-50-1

EINECS no. 200-334-9

Concentration >= 50 %

Advice: [4]

water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 25 < 50 %

Advice: [4]

methyl 4-hydroxybenzoate

CAS No. 99-76-3

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EINECS no. 202-785-7
Registration no. 01-2119463264-40-0003
Concentration < 1 %
Advice: [4]
Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 2 H411

Note

[4] Voluntary information

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

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

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

Foam, Carbon dioxide, Dry powder, Water spray jet

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

In case of combustion use a suitable breathing apparatus.

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

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

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6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 12 Non-combustible liquids

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless

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Melting point

Value	appr. 0	°C
Source	Estimated value	

Freezing point

Remarks	not determined
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Boiling point or initial boiling point and boiling range

Value	appr. 100	°C
Source	Estimated value	

Flammability

Remarks	not determined
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Upper and lower explosive limits

Remarks	not determined
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Flash point

Remarks	Not applicable
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Ignition temperature

Remarks	not determined
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Decomposition temperature

Remarks	not determined
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pH value

Remarks	not determined
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Viscosity

Remarks	not determined
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Solubility(ies)

Remarks	not determined
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Partition coefficient n-octanol/water (log value)

Remarks	not determined
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Vapour pressure

Remarks	Not applicable
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Density and/or relative density

Remarks	not determined
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Relative vapour density

Remarks	not determined
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9.2. Other information**Odour threshold**

Remarks	not determined
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Evaporation rate (ether = 1) :

Remarks	not determined
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Solubility in water

Remarks	not determined
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Explosive properties

evaluation	not determined
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Oxidising properties

Remarks	not determined
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Other information

Remarks	None known
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Remarks not determined

Acute oral toxicity (Components)

methyl 4-hydroxybenzoate

Species	rat		
LD50		2100	mg/kg
Method	OECD 401		

methyl 4-hydroxybenzoate

Species	guinea pig		
LD50		3000	mg/kg

methyl 4-hydroxybenzoate

Species	rabbit		
LC50		6000	mg/kg

Acute dermal toxicity

Remarks not determined

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Skin corrosion/irritation (Components)

methyl 4-hydroxybenzoate

Species	rabbit		
Duration of exposure		24	h
Observation Period		72	h
evaluation		Moderately irritating	
Method		Draize method	

Serious eye damage/irritation

Remarks not determined

Serious eye damage/irritation (Components)

methyl 4-hydroxybenzoate

Species	rabbit
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Observation Period	48	h
evaluation	Moderately irritating	
Method	Draize method	

Sensitization

Remarks not determined

Sensitization (Components)**methyl 4-hydroxybenzoate**

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

Subacute, subchronic, chronic toxicity

Remarks not determined

Subacute, subchronic, chronic toxicity (Components)**methyl 4-hydroxybenzoate**

Species	rat		
NOAEL	>=	250	mg/kg
Duration of exposure	28	d	

Mutagenicity

Remarks not determined

Mutagenicity (Components)**methyl 4-hydroxybenzoate**

evaluation	No mutagenicity according to various in vitro tests.
Method	OECD 471

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

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

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**methyl 4-hydroxybenzoate**

Species	golden orfe (Leuciscus idus)	
NOEC	50	mg/l
Duration of exposure	48	h

methyl 4-hydroxybenzoate

Species	Oryzias latipes	
LC50	59.5	mg/l
Duration of exposure	96	h

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Method OECD 203

Daphnia toxicity (Components)**methyl 4-hydroxybenzoate**

Species	Daphnia magna	
NOEC	0.2	mg/l
Duration of exposure	21	d
Method	OECD 211	
Source	Manufacturer's data	

methyl 4-hydroxybenzoate

Species	Daphnia magna	
EC50	11.2	mg/l
Duration of exposure	48	h

Algae toxicity (Components)**methyl 4-hydroxybenzoate**

Species	Desmodesmus subspicatus	
EC50	91	mg/l
Duration of exposure	72	h

methyl 4-hydroxybenzoate

NOEC	17	mg/l
Duration of exposure	72	h
Method	OECD 201	

Bacteria toxicity (Components)**methyl 4-hydroxybenzoate**

Species	Pseudomonas fluorescens	
EC0	500	mg/l

12.2. Persistence and degradability**General information**

not determined

Biodegradability (Components)**methyl 4-hydroxybenzoate**

Value	92.2	%
Duration of test	28	d
evaluation	Readily biodegradable	
Method	OECD 301F	

methyl 4-hydroxybenzoate

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

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)**methyl 4-hydroxybenzoate**

log Pow 1.98

12.4. Mobility in soil

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General information

not determined

Mobility in soil (Components)**methyl 4-hydroxybenzoate**

Highly mobile in soils

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

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

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 WGK 1
(Germany)

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Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

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