

Trade name: Rosae aqua conservata

Substance number: 035001

Version: 4 / CH

Date revised: 06.02.2024

Replaces Version: 3 / CH

Print date: 06.02.24

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

### **1.1. Product identifier**

Rosae aqua conservata

Item No. 03500100

### **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 \*\*\***

### **Chemical characterization**

Alcoholic solution

### **Further ingredients \*\*\***

#### **water**

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration &gt;= 95 %

Advice: [4]

#### **ethanol**

CAS No. 64-17-5

EINECS no. 200-578-6

Concentration &gt;= 1 &lt; 10 %

Advice: [4]

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Classification (Regulation (EC) No. 1272/2008)  
 Flam. Liq. 2 H225

**methyl 4-hydroxybenzoate**

CAS No. 99-76-3  
 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

**Propyl 4-hydroxybenzoate**

CAS No. 94-13-3  
 EINECS no. 202-307-7  
 Registration no. 01-2119969462-29  
 Concentration < 1 %  
 Advice: [4]  
 Classification (Regulation (EC) No. 1272/2008)  
 Aquatic Chronic 3 H412

**Geraniol**

CAS No. 106-24-1  
 EINECS no. 203-377-1  
 Concentration < 1 %  
 Advice: [4]  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Irrit. 2 H315  
 Skin Sens. 1 H317  
 Eye Dam. 1 H318

**2-Phenylethanol**

CAS No. 60-12-8  
 EINECS no. 200-456-2  
 Concentration < 1 %  
 Advice: [4]  
 Classification (Regulation (EC) No. 1272/2008)  
 Acute Tox. 4 H302  
 Eye Irrit. 2 H319

**nerol**

CAS No. 106-25-2  
 EINECS no. 203-378-7  
 Concentration < 1 %  
 Advice: [4]  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Irrit. 2 H315  
 Skin Sens. 1B H317  
 Eye Dam. 1 H318

**(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one**

CAS No. 24720-09-0  
 EINECS no. 246-430-4  
 Concentration < 1 %  
 [4]

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

Acute Tox. 4	H302
Skin Sens. 1B	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

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

Aquatic Chronic 1	M = 1
Aquatic Acute 1	M = 1

**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**

Extinguishing measures to suit surroundings

**5.2. Special hazards arising from the substance or mixture**

None known

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

No special measures required.

**SECTION 6: Accidental release measures**

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**6.1. Personal precautions, protective equipment and emergency procedures**

Remove persons to safety. Ensure adequate ventilation. Keep away sources of ignition.

**6.2. Environmental precautions**

Advise water authority if spillage has entered water course or drainage system.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal. Clean up affected area.

**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**

No special requirements.

**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****Exposure limit values \*\*\*****ethanol**

List	SUVA			
Type	MAK			
Value	960	mg/m <sup>3</sup>	500	ppm(V)
Short term exposure limit	1920	mg/m <sup>3</sup>	1000	ppm(V)

Pregnancy group: S; Remarks: SSc; Formal; INRS NIOSH

**Other information**

Contains no substances with occupational exposure limit values.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****Propyl 4-hydroxybenzoate**

Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	43.47	mg/kg/d

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Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	43.47	mg/m <sup>3</sup>
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	88.2	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	338	mg/kg/d
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	675.6	mg/kg/d
<b>methyl 4-hydroxybenzoate</b>		
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	12.5	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	14.7	mg/kg/d
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	29.41	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	

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Concentration	43.45	mg/m <sup>3</sup>
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	176.3	mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC)****methyl 4-hydroxybenzoate**

Type of value	PNEC	
Type	Freshwater	
Concentration	0.0024	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0.00024	mg/l
Type of value	PNEC	
Conditions	Intermittend	
Concentration	0.112	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	0.0632	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	0.00632	mg/kg
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	2	mg/l
Type of value	PNEC	
Type	Soil	
Concentration	0.0115	mg/kg

**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.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Colour</b>	colourless
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Boiling point or initial boiling point and boiling range</b>	
Remarks	No data available
<b>Flammability</b>	
	not determined
<b>Upper and lower explosive limits</b>	
Remarks	not determined
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Ignition temperature</b>	
Remarks	not determined
<b>Decomposition temperature</b>	
Remarks	not determined
<b>pH value</b>	
Remarks	No data available
<b>Viscosity</b>	
Remarks	not determined
<b>Solubility(ies)</b>	
Remarks	not determined
<b>Partition coefficient n-octanol/water (log value)</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Remarks	Not applicable
<b>Density and/or relative density</b>	
Value	0.995 to 1.005 g/cm <sup>3</sup>
<b>Relative vapour density</b>	
Remarks	not determined
<b>9.2. Other information</b>	
<b>Odour threshold</b>	
Remarks	not determined
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined
<b>Solubility in water</b>	
Remarks	No data available
<b>Explosive properties</b>	

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evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**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

**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 not determined

**Acute oral toxicity (Components)****Geraniol**

Species	rat		
LD50		3600	mg/kg

**2-Phenylethanol**

Species	rat		
LD50		1790	mg/kg
Source	Food and Cosmetics Toxicology. Vol. 2, Pg. 327, 1964		

**Propyl 4-hydroxybenzoate**

Species	rat		
LD50	>	5000	mg/kg
Method	OECD 401		

**Propyl 4-hydroxybenzoate**

Species	rat (female)		
LD50	>	15000	mg/kg
Method	OECD 401		

**methyl 4-hydroxybenzoate**

Species	rat		
LD50		2100	mg/kg
Method	OECD 401		

**methyl 4-hydroxybenzoate**

Species	guinea pig		
LD50		3000	mg/kg



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**methyl 4-hydroxybenzoate**

Species	rabbit		
LC50		6000	mg/kg

**ethanol**

Species	rat		
LD50		7060	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 16, Pg. 718, 1970.		

**ethanol**

Species	rat		
LD50		10470	mg/kg

**Acute dermal toxicity**

Remarks	not determined
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**Acute dermal toxicity (Components)****Geraniol**

Species	rabbit		
	>	5000	mg/kg

**2-Phenylethanol**

Species	rabbit		
LD50		806	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 28, Pg. 313, 1974		

**ethanol**

Species	rabbit		
LD50		15800	mg/kg

**ethanol**

NOAEL		8232	mg/kg
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**Acute inhalational toxicity**

Remarks	not determined
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**Acute inhalative toxicity (Components)****Geraniol**

Remarks	No data available.
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**Propyl 4-hydroxybenzoate**

Remarks	Irritating to respiratory system.
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**ethanol**

Species	rat		
LC50		30000	mg/m <sup>3</sup>
Duration of exposure		4	h
Administration/Form	Vapors		

**Skin corrosion/irritation**

Remarks	not determined
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**Skin corrosion/irritation (Components)****Geraniol**

Species	guinea pig		
Duration of exposure		24	h
evaluation	irritant		
Source	RTECS		

**Geraniol**

Species	man		
Duration of exposure		24	h
evaluation	irritant		
Source	RTECS		

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**Geraniol**

Species	rabbit
Duration of exposure evaluation	24 h
Source	irritant RTECS

**Propyl 4-hydroxybenzoate**

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

**methyl 4-hydroxybenzoate**

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

**ethanol**

evaluation non-irritant

**Serious eye damage/irritation**

Remarks not determined

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

evaluation	irritant - risk of serious damage to eyes
Remarks	Irritates the eyes.

**Propyl 4-hydroxybenzoate**

Species	mammal, species unspecified
evaluation	non-irritant
Method	OECD 437
Remarks	Based on available data, the classification criteria are not met.

**Propyl 4-hydroxybenzoate**

Species	rabbit
evaluation	non-irritant
Method	OECD 405

**methyl 4-hydroxybenzoate**

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

**ethanol**

evaluation irritant

**Sensitization**

Remarks not determined

**Sensitization (Components)****Geraniol**

Remarks No data available.

**Propyl 4-hydroxybenzoate**

Route of exposure	dermal
Species	mouse
evaluation	non-sensitizing
Method	OECD 429

**Propyl 4-hydroxybenzoate**

Route of exposure	dermal
Species	guinea pig
evaluation	non-sensitizing

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Method OECD 406

**methyl 4-hydroxybenzoate**

Species guinea pig  
 evaluation non-sensitizing  
 Method OECD 406

**ethanol**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Subacute, subchronic, chronic toxicity (Components)****Geraniol**

Remarks Not applicable

**Propyl 4-hydroxybenzoate**

Sub-chronic toxicity

Route of exposure

oral

Species

Rats (male/female)

NOAEL

&gt;= 1000

mg/kg

Duration of exposure

90 d

Method

OECD 408

**Propyl 4-hydroxybenzoate**

Subacute toxicity

Route of exposure

oral

Species

rat (male)

NOAEL

&gt; 745.4

mg/kg

Duration of exposure

14 d

**Propyl 4-hydroxybenzoate**

Subacute toxicity

Route of exposure

oral

Species

rat (female)

NOAEL

&gt; 760.5

mg/kg

Duration of exposure

14 d

**Propyl 4-hydroxybenzoate**

Chronic toxicity

Route of exposure

oral

Species

Rats (male/female)

NOAEL

&gt;= 5500

mg/kg

Duration of exposure

96 Weeks

**methyl 4-hydroxybenzoate**

Species

rat

NOAEL

&gt;= 250

mg/kg

Duration of exposure

28 d

**methyl 4-hydroxybenzoate**

Sub-chronic toxicity

Route of exposure

oral

Species

rat

NOAEL

1000

mg/kg

Duration of exposure

63 Days

Remarks

None

**Mutagenicity**

Remarks not determined

**Mutagenicity (Components)****Geraniol**

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Remarks No data available.

**Propyl 4-hydroxybenzoate**

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

**Propyl 4-hydroxybenzoate**

Species mammal, species unspecified  
evaluation No experimental information on genotoxicity in vitro available.  
Method OECD 476

**methyl 4-hydroxybenzoate**

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

**methyl 4-hydroxybenzoate**

Species mammal, species unspecified  
Method OECD 476  
Remarks negative

**ethanol**

evaluation No mutagenicity in the Ames-test.

**Reproductive toxicity**

Remarks not determined

**Reproduction toxicity (Components)****Geraniol**

Remarks No data available.

**Propyl 4-hydroxybenzoate**

Route of exposure oral  
Species Rats (male/female)  
Dose 15000 ppm(m)  
Duration of exposure 7 Weeks  
evaluation No negative effects  
Method OECD 422  
Remarks Based on available data, the classification criteria are not met.

**methyl 4-hydroxybenzoate**

Species rat  
Dose 1000 mg/kg  
Duration of exposure 63 d  
evaluation No negative effects  
Method OECD 422  
Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks not determined

**Carcinogenicity (Components)****Propyl 4-hydroxybenzoate**

Remarks No evidence available on carcinogenicity.

**Specific Target Organ Toxicity (STOT) (Components)****Geraniol**

Remarks Not applicable

**Propyl 4-hydroxybenzoate**

Remarks No data available

**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

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humans.

**Other information**

No toxicological data are available.

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

not determined

**Fish toxicity (Components)****Geraniol**

LC50	Median	3.45		mg/l
Duration of exposure		96	h	

**Propyl 4-hydroxybenzoate**

Species	zebra fish ( <i>Brachydanio rerio</i> )			
LC50		6.4		mg/l
Duration of exposure		96	h	
Method	OECD 203			

**methyl 4-hydroxybenzoate**

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

**methyl 4-hydroxybenzoate**

Species	<i>Oryzias latipes</i>			
LC50		59.5		mg/l
Duration of exposure		96	h	
Method	OECD 203			

**Daphnia toxicity (Components)****Geraniol**

Remarks No data available.

**Propyl 4-hydroxybenzoate**

Species	<i>Daphnia magna</i>			
EC50		15.4		mg/l
Duration of exposure		48	h	
Method	ISO 6341			

**methyl 4-hydroxybenzoate**

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

**methyl 4-hydroxybenzoate**

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

**Algae toxicity (Components)****Geraniol**

Remarks No data available.

**Propyl 4-hydroxybenzoate**Species *Pseudokirchneriella subcapitata*

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EC50	15		mg/l
Duration of exposure	72	h	
Method	ISO 8692		

**Propyl 4-hydroxybenzoate**

Species	Pseudokirchneriella subcapitata		
NOEC	2.1		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**Propyl 4-hydroxybenzoate**

Species	Pseudokirchneriella subcapitata		
EC50	16		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**methyl 4-hydroxybenzoate**

Species	Pseudokirchneriella subcapitata		
EC50	91		mg/l
Duration of exposure	72	h	

**methyl 4-hydroxybenzoate**

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

**methyl 4-hydroxybenzoate**

Species	Pseudokirchneriella subcapitata		
NOEC	20		mg/l
Duration of exposure	72	h	
Method	ISO 8692		

**Bacteria toxicity (Components)****Geraniol**

Remarks	No data available.
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**methyl 4-hydroxybenzoate**

Species	Pseudomonas fluorescens		
EC0	500		mg/l

**12.2. Persistence and degradability****General information**

not determined

**Physico-chemical eliminability (Components)****Geraniol**

Remarks	No data available.
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**Biodegradability (Components)****Geraniol**

Remarks	No data available.
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**Propyl 4-hydroxybenzoate**

Value	91.5		%
Duration of test evaluation	28	d	
Method	Readily biodegradable OECD 301F		

**methyl 4-hydroxybenzoate**

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

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**methyl 4-hydroxybenzoate**

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

**ethanol**

evaluation	Readily biodegradable
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**Ready degradability (Components)****Geraniol**

Remarks	No data available.
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**Chemical oxygen demand (COD) (Components)****Geraniol**

Remarks	No data available.
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**ethanol**

Value	0.93	to	1.67	mg/g
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**Biochemical oxygen demand (BOD5) (Components)****Geraniol**

Remarks	No data available.
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**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient n-octanol/water (log value)**

Remarks	not determined
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**Octanol/water partition coefficient (log Pow) (Components)****Propyl 4-hydroxybenzoate**

log Pow	2.8
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**methyl 4-hydroxybenzoate**

log Pow	1.98
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**ethanol**

log Pow	-0.3
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**Bioconcentration factor (BCF) (Components)****ethanol**

BCF	0.66
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**12.4. Mobility in soil****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.

Trade name: Rosae aqua conservata

Substance number: 035001

Version: 4 / CH

Date revised: 06.02.2024

Replaces Version: 3 / CH

Print date: 06.02.24

## 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 (Germany) Not water hazardous

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.