



Safety Data Sheet

According to Regulation (EC) No 1907/2006

Soft Care Sensisept H34

Revision: 2014-02-06

Version: 07

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

1.1 Product identifier

Trade name: Soft Care Sensisept H34

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

Identified uses:

For professional use only.

AISE-P1300 - Professional hand cleaner / disinfectant

Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Diversey Ltd

Contact details

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: MSDSinfoUK@sealedair.com

1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Directive 1999/45/EC and corresponding national legislation.

Risk phrases:

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Risk phrases:

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S61b - Avoid release to the environment. Refer to safety data sheet.

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
glycerol	200-289-5	56-81-5	01-2119471987-18	-	-		3-10
chlorhexidine digluconate	242-354-0	18472-51-0	No data available	Xi;R41 N;R50	Eye Dam. 1 (H318) Aquatic Acute 1 (H400)		1-3
sodium cocoamphopropionate	298-632-7	93820-52-1	No data available	Xi;R36	Eye Irrit. 2 (H319)		1-3
alkyl alcohol ethoxylate	Polymer*	69011-36-5	[4]	Xn;R22 Xi;R41	Eye Dam. 1 (H318) Acute Tox. 4 (H302)		1-3

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poly (hexamethylenebiguanide) hydrochloride	Polymer*	27083-27-8	[4]	Xn;R22 Xi;R37/38-41-43 N;R50/53	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute Tox. 4 (H302) Skin Sens. 1 (H317) STOT SE 3 (H335) Skin Irrit. 2 (H315)	0.01-0.1
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* Polymer.

For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

[2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.

[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove from source of exposure. If discomfort persists, obtain medical attention.

Skin contact:

Not required under normal use. If irritation develops get medical attention. Rinse with plenty of water.

Eye contact:

Wash off immediately with plenty of water. Get medical attention.

Ingestion:

Remove material from mouth. If large amounts swallowed or symptoms develop, get medical attention. Immediately drink 1-2 glasses of water or milk.

Self-protection of first aider:

Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:

Unlikely to be irritant or harmful in normal use.

Skin contact:

Unlikely to be irritant in normal use.

Eye contact:

Unlikely to be irritant in normal use.

Ingestion:

Unlikely to be harmful unless excessive amount ingested.

Sensitisation:

No known effects.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

Prevention of fire and explosion:

No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms / facilities:**

In accordance with local and national regulations.

Combined storage in storage rooms / facilities:

In accordance with local and national regulations. For incompatible materials see subsection 10.5.

Basic storage conditions

Store in original container. Keep container tightly closed. For conditions to avoid see subsection 10.4.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
glycerol	10 mg/m ³ mist	30 mg/m ³ mist

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values**Human exposure**

DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
glycerol	No data available	No data available	No data available	229
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethylenebiguanide) hydrochloride	No data available	No data available	No data available	No data available

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
glycerol	No data available	No data available	No data available	No data available
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethylenebiguanide) hydrochloride	No data available	No data available	No data available	No data available

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
glycerol	No data available	No data available	No data available	No data available
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethylenebiguanide) hydrochloride	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
glycerol	No data available	No data available	No data available	56
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethylenebiguanide) hydrochloride	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
glycerol	No data available	No data available	No data available	33
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available

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poly (hexamethyleneguanide) hydrochloride	No data available	No data available	No data available	No data available
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Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
glycerol	0.885	0.0885	8.85	1000
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethyleneguanide) hydrochloride	No data available	No data available	No data available	No data available

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m ³)
glycerol	3.3	0.33	0.141	No data available
chlorhexidine digluconate	No data available	No data available	No data available	No data available
sodium cocoamphopropionate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
poly (hexamethyleneguanide) hydrochloride	No data available	No data available	No data available	No data available

8.2 Exposure controls**General health and safety measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Avoid contact with eyes.

The following information applies for the uses indicated in subsection 1.2.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

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

Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical State: Liquid
Colour: Clear, Colourless
Odour: Product specific
Odour threshold: Not applicable
pH: ≈ 8 (neat)
Melting point/freezing point (°C): Not determined
Initial boiling point and boiling range (°C): Not determined

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
glycerol	290	Method not given	1013
chlorhexidine digluconate	No data available		
sodium cocoamphopropionate	No data available		
alkyl alcohol ethoxylate	No data available		
poly (hexamethyleneguanide) hydrochloride	102	Method not given	

Method / remark

Flash point (°C): Not applicable.
Sustained combustion: Not determined
Evaporation rate: Not determined
Flammability (solid, gas): Not determined
Upper/lower flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

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Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
glycerol	2.7	19

Method / remark

Vapour pressure: Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
glycerol	< 1	Method not given	20
chlorhexidine digluconate	No data available		
sodium cocoamphopropionate	No data available		
alkyl alcohol ethoxylate	< 10	Method not given	20
poly (hexamethylenebiguanide) hydrochloride	No data available		

Method / remark

Vapour density: Not determined

Relative density: 1.04 g/cm³ (20°C)

Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
glycerol	500	Method not given	20
chlorhexidine digluconate	No data available		
sodium cocoamphopropionate	No data available		
alkyl alcohol ethoxylate	Soluble	Method not given	
poly (hexamethylenebiguanide) hydrochloride	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Autoignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: ≈ 1150 mPa.s (20°C)

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined

Corrosion to metals

(according to IMDG/ADR regulation): Not determined

Substance data, dissociation constant, if available:

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixtures

No test data is available on the mixture

Substance data, where relevant and available, are listed below.

Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
glycerol	LD ₅₀	12600	Rat	Method not given	
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate	LD ₅₀	> 2000	Rat	OECD 423 (EU B.1 tris) Read across	
poly (hexamethylenebiguanide) hydrochloride	LD ₅₀	> 2000	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
glycerol	LD ₅₀	> 10000	Rabbit	Method not given	
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate		No data available			
poly (hexamethylenebiguanide) hydrochloride		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
glycerol		No data available			
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate		No data available			
poly (hexamethylenebiguanide) hydrochloride		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
glycerol	Not irritant		OECD 404 (EU B.4)	
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			
alkyl alcohol ethoxylate	Not irritant	Rabbit	OECD 404 (EU B.4) Read across	
poly (hexamethylenebiguanide) hydrochloride	Irritant		Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
glycerol	Not corrosive or irritant		Method not given	
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			
alkyl alcohol ethoxylate	Not corrosive or irritant		Method not given	
poly (hexamethylenebiguanide) hydrochloride	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
glycerol	No data available			
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			
alkyl alcohol ethoxylate	No data available			
poly (hexamethylenebiguanide) hydrochloride	Irritating to respiratory tract		Method not given	

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
glycerol	Not sensitising	Human	Human repeated patch test	
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			

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alkyl alcohol ethoxylate	No data available		
poly (hexamethylenebiguanide) hydrochloride	Sensitising		Method not given

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
glycerol	No data available			
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			
alkyl alcohol ethoxylate	No data available			
poly (hexamethylenebiguanide) hydrochloride	No data available			

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethylenebiguanide) hydrochloride		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethylenebiguanide) hydrochloride		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethylenebiguanide) hydrochloride		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
glycerol			No data available					
chlorhexidine digluconate			No data available					
sodium cocoamphopropionate			No data available					
alkyl alcohol ethoxylate			No data available					
poly (hexamethylenebiguanide) hydrochloride			No data available					

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mixture data:

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

Substance data, where relevant and available:

Carcinogenicity

Ingredient(s)	Effect
glycerol	No evidence for carcinogenicity, negative test results

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chlorhexidine digluconate	No data available
sodium cocoamphopropionate	No data available
alkyl alcohol ethoxylate	No data available
poly (hexamethylenebiguanide) hydrochloride	No evidence for carcinogenicity, negative test results

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
glycerol	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	
chlorhexidine digluconate	No data available		No data available	
sodium cocoamphopropionate	No data available		No data available	
alkyl alcohol ethoxylate	No data available		No data available	
poly (hexamethylenebiguanide) hydrochloride	No data available		No data available	

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
glycerol			No data available				Not toxic for reproduction
chlorhexidine digluconate			No data available				
sodium cocoamphopropionate			No data available				
alkyl alcohol ethoxylate			No data available				
poly (hexamethylenebiguanide) hydrochloride			No data available				

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
glycerol	LC ₅₀	54000	Oncorhynchus mykiss	Method not given	96
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate	LC ₅₀	10 - 100	Leuciscus idus	Read across	96
poly (hexamethylenebiguanide) hydrochloride	LC ₅₀	0.026	Oncorhynchus mykiss	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
glycerol	EC ₅₀	> 10000	Daphnia magna Straus	Method not given	24
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate	EC ₅₀	10 - 100	Not specified	Read across	48
poly (hexamethylenebiguanide) hydrochloride	EC ₅₀	0.09	Daphnia magna Straus	OECD 202	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
glycerol		No data available			
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate	EC ₅₀	10 - 100	Not specified	Read across	72

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poly (hexamethyleneguanide) hydrochloride	E _r C ₅₀	0.0191	Pseudokirchneriella subcapitata	OECD 201	72
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Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
glycerol		No data available			
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate		No data available			
poly (hexamethyleneguanide) hydrochloride		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
glycerol	EC ₅₀	> 10000	Pseudomonas putida	Method not given	16 hour(s)
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
alkyl alcohol ethoxylate	EC ₁₀	> 10000	Activated sludge	DIN 38412 / Part 8 Read across	17 hour(s)
poly (hexamethyleneguanide) hydrochloride	EC ₅₀	38	Bacteria	Method not given	4 hour(s)

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethyleneguanide) hydrochloride		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethyleneguanide) hydrochloride		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
glycerol		No data available				
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
alkyl alcohol ethoxylate		No data available				
poly (hexamethyleneguanide) hydrochloride		No data available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT ₅₀	Method	Evaluation
glycerol			60% in 28 day(s)	Method not given	Readily biodegradable
chlorhexidine digluconate					No data available
sodium cocoamphopropionate					No data available
alkyl alcohol ethoxylate			>= 90%	OECD 301E Read across	Readily biodegradable
poly (hexamethylenebiguanide) hydrochloride				Method not given	Not readily biodegradable.

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K_{ow})

Ingredient(s)	Value	Method	Evaluation	Remark
glycerol	-1.76	Method not given	No bioaccumulation expected	
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	No data available			
alkyl alcohol ethoxylate	No data available		No bioaccumulation expected	
poly (hexamethylenebiguanide) hydrochloride	No data available	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
glycerol	No data available				
chlorhexidine digluconate	No data available				
sodium cocoamphopropionate	No data available				
alkyl alcohol ethoxylate	No data available				
poly (hexamethylenebiguanide) hydrochloride	No data available		Method not given	No bioaccumulation expected	

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K _{oc}	Desorption coefficient Log K _{oc} (des)	Method	Soil/sediment type	Evaluation
glycerol	No data available				Potential for mobility in soil, soluble in water
chlorhexidine digluconate	No data available				
sodium cocoamphopropionate	No data available				
alkyl alcohol ethoxylate	No data available				Potential for adsorption to soil
poly (hexamethylenebiguanide) hydrochloride	No data available				Potential for adsorption to soil

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Soft Care Sensisept H34

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.
20 01 29* - detergents containing dangerous substances.

European Waste Catalogue:**Empty packaging****Recommendation:**

Dispose of observing national or local regulations.

Suitable cleaning agents:

Water, if necessary with cleaning agent.

SECTION 14: Transport information**ADR, RID, ADN, IMO/IMDG, ICAO/IATA**

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

Class: -

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

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Version: 07

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Reason for revision:

Overall design adjusted in accordance with Regulation (EC) No 1907/2006, Annex II

Full text of the R, H and EUH phrases mentioned in section 3:

- R50 - Very toxic to aquatic organisms.
- R41 - Risk of serious damage to eyes.
- R36 - Irritating to eyes.
- R22 - Harmful if swallowed.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R37/38 - Irritating to respiratory system and skin.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative

End of Safety Data Sheet