

## Sure Cleaner Disinfectant

Revision: 2024-12-05

Version: 01.0

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

#### 1.1 Product identifier

**Trade name:** Sure Cleaner Disinfectant

UFI: HCQK-F15Y-C00J-D551

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

**Product use:** Hard surface cleaner.  
for general surface disinfection  
for food contact surface disinfection  
For professional use only.

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

#### SWED - Sector-specific worker exposure description :

AISE\_SWED\_PW\_8a\_1  
AISE\_SWED\_PW\_10\_1  
AISE\_SWED\_PW\_11\_1  
AISE\_SWED\_PW\_19\_1

#### 1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssebroeksedijk 2, 3542DN Utrecht], The Netherlands

#### Contact details

Diversey Ltd  
Weston Favell Centre, Northampton NN3 8PD, United Kingdom  
Tel: 01604 405311, Fax: 01604 406809  
Regulatory Email: customerservice.uk@solenis.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)  
For medical or environmental emergency only:  
call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Skin irritation, Category 2 (H315)  
Serious eye damage, Category 1 (H318)

#### 2.2 Label elements



**Signal word:** Danger.

Contains L(+) lactic acid (Lactic Acid), alkyl ether carboxylic acid (Capryleth-9 Carboxylic Acid), alkyl polyglucoside (Lauryl Glucoside)

#### Hazard statements:

H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

#### Precautionary statements:

P280 - Wear protective gloves, protective clothing and eye or face protection.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P332 + P313 - If skin irritation occurs: Get medical advice or attention.  
P361 + P364 - Take off immediately all contaminated clothing and wash it before reuse.  
P310 - Immediately call a POISON CENTRE, doctor or physician.

## Sure Cleaner Disinfectant

**2.3 Other hazards**

No other hazards known.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
L(+) lactic acid	201-196-2	79-33-4	[6]	Skin corrosion, Category 1C (H314) EUH071		20-30
alkyl ether carboxylic acid	[4]	53563-70-5	[4]	Serious eye damage, Category 1 (H318)		20-30
alkyl polyglucoside	600-975-8	110615-47-9	01-211948941 8-23	Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318)		3-10

**Specific concentration limits**

alkyl polyglucoside:

- Skin irritation, Category 2 (H315) >= 30%
- Serious eye damage, Category 1 (H318) >= 12% > Eye irritation, Category 2 (H319) >= 1%

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

ATE, if available, are listed in section 11.

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

[6] Exempted: biocidal active. See Article 15(2) of Regulation (EC) No 1907/2006.

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

**SECTION 4: First aid measures****4.1 Description of first aid measures****Inhalation:**

Get medical attention or advice if you feel unwell.

**Skin contact:**

Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention. Take off immediately all contaminated clothing and wash it before reuse.

**Eye contact:**

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

**Ingestion:**

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting.

**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:**

No known effects or symptoms in normal use.

**Skin contact:**

Causes irritation.

**Eye contact:**

Causes severe or permanent damage.

**Ingestion:**

No known effects or symptoms in normal use.

**4.3 Indication of any immediate medical attention and special treatment needed**

Information to healthcare personnel or a doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid. 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**

Wear eye/face protection. Repeated or prolonged contact: Wear suitable gloves.

**6.2 Environmental precautions**

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

## Sure Cleaner Disinfectant

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

**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****Measures to prevent fire and explosions:**

No special precautions required.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advice on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Do not breathe spray. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep from freezing. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**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:

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/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
L(+) lactic acid	-	35.4	-	-
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	-	-	-	35.7

DNEL/DMEL 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)
L(+) lactic acid	-	-	-	-
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	No data available	-	No data available	595000

DNEL/DMEL 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)
L(+) lactic acid	No data available	-	No data available	-
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	No data available	-	No data available	357000

DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
L(+) lactic acid	-	-	-	-
alkyl ether carboxylic acid	-	-	-	-

## Sure Cleaner Disinfectant

alkyl polyglucoside	-	-	-	420
---------------------	---	---	---	-----

DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
L(+) lactic acid	-	-	-	-
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	-	-	-	124

## 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)
L(+) lactic acid	1.3	-	-	10
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	0.176	0.018	0.0295	5000

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
L(+) lactic acid	-	-	-	-
alkyl ether carboxylic acid	-	-	-	-
alkyl polyglucoside	1.516	0.065	0.654	-

## 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.

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:** If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

## REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific worker exposure description	LCS	PROC	Duration (min)	ERC
Manual transfer and dilution	AISE_SWED_PW_8a_1	PW	PROC 8a	60	ERC8a

## Personal protective equipment

**Eye / face protection:**

Safety glasses or goggles (EN 16321).

**Hand protection:**

Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

**Body protection:**

Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

**Respiratory protection:**

No special requirements under normal use conditions.

**Environmental exposure controls:**

Do not discharge unused product on the ground, into water sources, into pipes nor down the drains.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 1

**Appropriate engineering controls:** Provide a good standard of general ventilation.

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

## REACH use scenarios considered for the diluted product:

	SWED	LCS	PROC	Duration (min)	ERC
Manual application by brushing, wiping or mopping	AISE_SWED_PW_10_1	PW	PROC 10	480	ERC8a

## Sure Cleaner Disinfectant

Spray application	AISE_SWED_PW_11_1	PW	PROC 11	60	ERC8a
Trigger spray application					
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a

**Personal protective equipment****Eye / face protection:**

No special requirements under normal use conditions.

**Hand protection:**

Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

**Body protection:**

No special requirements under normal use conditions.

**Respiratory protection:**

Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available.

**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 , Pale , Yellow**Odour:** Product specific**Odour threshold:** Not applicable**Melting point/freezing point (°C):** Not determined

Not relevant to classification of this product

**Initial boiling point and boiling range (°C):** Not determined

See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
L(+) lactic acid	204.2	Method not given	1013
alkyl ether carboxylic acid	No data available		
alkyl polyglucoside	> 100	Method not given	1013

**Method / remark****Flammability (solid, gas):** Not applicable to liquids**Flammability (liquid):** Not flammable.**Flash point (°C):** Not determined**Sustained combustion:** Not applicable.

( UN Manual of Tests and Criteria, section 32, L.2 )

**Lower and upper explosion limit/flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

**Method / remark****Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**pH:** =< 2 (neat)

ISO 4316

**Dilution pH:** ≈ 3 (1 %)

ISO 4316

**Kinematic viscosity:** Not determined**Solubility in / Miscibility with water:** Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
L(+) lactic acid	Soluble		
alkyl ether carboxylic acid	Soluble	Method not given	
alkyl polyglucoside	No data available		

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

**Method / remark****Vapour pressure:** Not determined

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
L(+) lactic acid	Negligible	Method not given	25
alkyl ether carboxylic acid	No data available		
alkyl polyglucoside	< 0.0077	Method not given	20

## Sure Cleaner Disinfectant

**Relative density:** Not determined  
**Relative vapour density:** No data available.  
**Particle characteristics:** No data available.

**Method / remark**

Not relevant to classification of this product  
 Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes**

**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.  
**Corrosion to metals:** Not corrosive

**9.2.2 Other safety characteristics**

No other relevant information 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**

Keep away from products containing chlorine-based bleaching agents or sulphites.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Mixture data: .

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

**Skin irritation and corrosivity**

**Result:** Skin irritant 2

**Species:** Not applicable

**Method:** Weight of evidence

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)	ATE Oral (mg/kg)
L(+) lactic acid	LD <sub>50</sub>	3543	Rat	Method not given		Not established
alkyl ether carboxylic acid	LD <sub>50</sub>	> 2000	Rat	Method not given		Not established
alkyl polyglucoside	LD <sub>50</sub>	> 5000	Rat	OECD 401 (EU B.1)		Not established

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Dermal (mg/kg)
L(+) lactic acid	LD <sub>50</sub>	> 2000	Rabbit	EPA OPP 81-2		Not established
alkyl ether carboxylic acid		No data available				Not established
alkyl polyglucoside	LD <sub>50</sub>	> 5000	Rabbit	OECD 402 (EU B.3)		Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
L(+) lactic acid	LC <sub>50</sub>	(mist) > 7.94	Rat	OECD 403 (EU B.2)	4

## Sure Cleaner Disinfectant

alkyl ether carboxylic acid		No data available			
alkyl polyglucoside		No data available			

## Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapour (mg/l)	ATE - inhalation, gas (mg/l)
L(+) lactic acid	Not established	Not established	Not established	Not established
alkyl ether carboxylic acid	Not established	Not established	Not established	Not established
alkyl polyglucoside	Not established	Not established	Not established	Not established

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
L(+) lactic acid	Irritant		OECD 404 (EU B.4)	
alkyl ether carboxylic acid	Not irritant		OECD 404 (EU B.4)	
alkyl polyglucoside	Irritant	Rabbit	OECD 404 (EU B.4)	4 hour(s)

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
L(+) lactic acid	Severe damage		Method not given	
alkyl ether carboxylic acid	Severe damage		OECD 405 (EU B.5)	
alkyl polyglucoside	Severe damage	Rabbit	OECD 405 (EU B.5)	

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
L(+) lactic acid	No data available			
alkyl ether carboxylic acid	No data available			
alkyl polyglucoside	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
L(+) lactic acid	Not sensitising	Guinea pig	Method not given	
alkyl ether carboxylic acid	Not sensitising	Mouse	Method not given	
alkyl polyglucoside	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
L(+) lactic acid	No data available			
alkyl ether carboxylic acid	No data available			
alkyl polyglucoside	No data available			

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

## Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
L(+) lactic acid	No data available		No evidence for genotoxicity	
alkyl ether carboxylic acid	No evidence for mutagenicity, negative test results	Method not given	No evidence for mutagenicity, negative test results	Method not given
alkyl polyglucoside	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 473	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)

## Carcinogenicity

Ingredient(s)	Effect
L(+) lactic acid	No data available
alkyl ether carboxylic acid	No evidence for carcinogenicity, negative test results
alkyl polyglucoside	No evidence for carcinogenicity, weight-of-evidence

## Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
L(+) lactic acid			No data available				No known significant effects or critical hazards
alkyl ether carboxylic acid			No data available				No evidence for reproductive toxicity

## Sure Cleaner Disinfectant

alkyl polyglucoside	NOAEL	Developmental toxicity Maternal toxicity	1000	Rat	OECD 414 (EU B.31), oral OECD 421, oral		No evidence for reproductive toxicity
---------------------	-------	--	------	-----	---	--	---------------------------------------

**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
L(+) lactic acid		No data available				
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside	NOAEL	100	Rat	OECD 408 (EU B.26)		

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
L(+) lactic acid		No data available				
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside		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
L(+) lactic acid		No data available				
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside		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
L(+) lactic acid		NOAEL	No data available					
alkyl ether carboxylic acid			No data available					
alkyl polyglucoside			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
L(+) lactic acid	Not applicable
alkyl ether carboxylic acid	No data available
alkyl polyglucoside	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
L(+) lactic acid	Not applicable
alkyl ether carboxylic acid	No data available
alkyl polyglucoside	No data available

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3.

**Potential adverse health effects and symptoms**

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

**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

Endocrine disrupting properties - Human data, if available:

**11.2.2 Other information**

No other relevant information available.

**SECTION 12: Ecological information**



## 12.1 Toxicity

No 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)
L(+) lactic acid	LC <sub>50</sub>	130	<i>Oncorhynchus mykiss</i>	Method not given	96
alkyl ether carboxylic acid	LC <sub>50</sub>	> 100	<i>Fish</i>	OECD 203 (EU C.1)	96
alkyl polyglucoside	LC <sub>50</sub>	1 - 10	<i>Fish</i>	ISO 7346	

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
L(+) lactic acid	EC <sub>50</sub>	130	<i>Daphnia magna Straus</i>	Method not given	48
alkyl ether carboxylic acid	EC <sub>50</sub>	67	<i>Daphnia</i>	OECD 202 (EU C.2)	48
alkyl polyglucoside	EC <sub>50</sub>	7	<i>Daphnia magna Straus</i>	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
L(+) lactic acid	EC <sub>50</sub>	> 2800	<i>Pseudokirchneriella subcapitata</i>	Method not given	72
alkyl ether carboxylic acid	EC <sub>50</sub>	> 100	<i>Not specified</i>	OECD 201 (EU C.3)	72
alkyl polyglucoside	EC <sub>50</sub>	10 - 100	<i>Not specified</i>	88/302/EEC, Part C, static	

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
L(+) lactic acid		No data available			
alkyl ether carboxylic acid		No data available			
alkyl polyglucoside		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
L(+) lactic acid	EC <sub>50</sub>	> 100	<i>Activated sludge</i>	Method not given	3 hour(s)
alkyl ether carboxylic acid		No data available			
alkyl polyglucoside	EC <sub>0</sub>	> 100	<i>Bacteria</i>	OECD 209	

## Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
L(+) lactic acid	LOEC	2.18	<i>Not specified</i>	Method not given	90 day(s)	
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside	NOEC	1 - 10	<i>Not specified</i>	OECD 204	14 day(s)	

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
L(+) lactic acid		No data available				
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside	NOEC	1 - 10	<i>Daphnia sp.</i>	OECD 202		

## Sure Cleaner Disinfectant

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
L(+) lactic acid		No data available			-	
alkyl ether carboxylic acid		No data available				
alkyl polyglucoside		No data available				

**Terrestrial toxicity**

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

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl polyglucoside		No data available				

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl polyglucoside		No data available				

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
alkyl polyglucoside		No data available				

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl polyglucoside		No data available				

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl polyglucoside		No data available				

**12.2 Persistence and degradability****Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
alkyl polyglucoside	No data available			

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
alkyl polyglucoside	No data available			

Abiotic degradation - other processes, if available:

Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
alkyl polyglucoside		No data available			

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
L(+) lactic acid	Activated sludge, aerobe		> 60%	Method not given	Readily biodegradable, without 10 day window
alkyl ether carboxylic acid			> 90% in 28 day(s)	OECD 301B	Readily biodegradable
alkyl polyglucoside	Activated sludge, aerobe	BOD removal	88% in 28 day(s)	OECD 301D	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Ingredient(s)	Medium & Type	Analytical	DT <sub>50</sub>	Method	Evaluation
---------------	---------------	------------	------------------	--------	------------

## Sure Cleaner Disinfectant

		method			
alkyl polyglucoside					No data available

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT <sub>50</sub>	Method	Evaluation
alkyl polyglucoside					No data available

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
L(+) lactic acid	-0.72	Method not given	Not relevant, does not bioaccumulate	
alkyl ether carboxylic acid	No data available			
alkyl polyglucoside	≤ 0.07	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
L(+) lactic acid	No data available				
alkyl ether carboxylic acid	No data available				
alkyl polyglucoside	No data available				

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K <sub>oc</sub>	Desorption coefficient Log K <sub>oc</sub> (des)	Method	Soil/sediment type	Evaluation
L(+) lactic acid	No data available				Low potential for adsorption to soil
alkyl ether carboxylic acid	No data available				
alkyl polyglucoside	1.7		Method not given		

**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 Endocrine disrupting properties**

Endocrine disrupting properties - Environmental effects, if available:

**12.7 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

**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.

**European Waste Catalogue:**

16 03 05\* - organic wastes containing dangerous substances.

**Empty packaging**

**Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

**14.1 UN number or ID number:** Non-dangerous goods

**14.2 UN proper shipping name:** Non-dangerous goods

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

**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 Maritime transport in bulk according to IMO instruments:** Non-dangerous goods

**SECTION 15: Regulatory information**

## Sure Cleaner Disinfectant

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations :**

- Regulation (EC) 1907/2006 - REACH (UK amended)
- Regulation (EC) 1272/2008 - CLP (UK amended)
- Regulation (EC) 648/2004 - Detergents regulation (UK amended)
- Biocidal Products Regulations 2001 (SI 2001/880)
- Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

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

**Ingredients according to Detergents Regulation**

anionic surfactants	15 - 30 %
non-ionic surfactants	< 5 %
disinfectants	

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents (UK amended). Data to support this assertion are held at the disposal of the competent authorities of the UK and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Comah - classification:** Not classified

**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*

**SDS code:** MS1006289

**Version:** 01.0

**Revision:** 2024-12-05

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- EUH071 - Corrosive to the respiratory tract.

**End of Safety Data Sheet**