

## Cif Professional Cream

Revision: 2024-08-01

Version: 05.1

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

#### 1.1 Product identifier

**Trade name:** Cif Professional Cream

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UFI: GWM4-20DC-X00A-CJ3W

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

**Product use:** Hard surface cleaner.

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

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

AISE\_SWED\_PW\_10\_1

AISE\_SWED\_PW\_19\_1

PC35-Washing and cleaning products

#### 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

Eye irritation, Category 2 (H319)

#### 2.2 Label elements



**Signal word:** Warning.

Contains 2-phenoxyethanol (Phenoxyethanol)

#### Hazard statements:

H319 - Causes serious eye irritation.

#### Precautionary statements:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

#### Further indications on the label:

Contains: preservative.

#### 2.3 Other hazards

No other hazards known.

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

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
calcium carbonate	207-439-9	471-34-1	01-211948679 5-18	Not classified as hazardous		20-30
sodium alkylbenzenesulphonate	270-115-0	68411-30-3	01-211948942 8-22	Acute toxicity - Oral, Category 4 (H302) Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)		3-10
sodium carbonate	207-838-8	497-19-8	01-211948549 8-19	Eye irritation, Category 2 (H319)		1-3
Alcohols, C12-15, ethoxylated	[4]	68131-39-5	[4]	Acute toxicity - Oral, Category 4 (H302) Serious eye damage, Category 1 (H318) Acute aquatic toxicity, Category 1 M=1 (H400) Chronic aquatic toxicity, Category 3 (H412)		1-3

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**

<b>Inhalation:</b>	Get medical attention or advice if you feel unwell.
<b>Skin contact:</b>	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
<b>Eye contact:</b>	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. If irritation occurs and persists, get medical attention.
<b>Ingestion:</b>	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
<b>Self-protection of first aider:</b>	Consider personal protective equipment as indicated in subsection 8.2.

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

<b>Inhalation:</b>	No known effects or symptoms in normal use.
<b>Skin contact:</b>	No known effects or symptoms in normal use.
<b>Eye contact:</b>	Causes severe irritation.
<b>Ingestion:</b>	No known effects or symptoms in normal use.

**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**

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

**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**

## Cif Professional Cream

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.

#### Advices on general occupational hygiene:

Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Avoid contact with eyes. 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 out of reach of children.

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:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
calcium carbonate	10 mg/m <sup>3</sup> inhalable dust 4 mg/m <sup>3</sup> respirable dust	30 mg/m <sup>3</sup> inhalable dust 12 mg/m <sup>3</sup> respirable dust

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
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	-	-	-	0.425
sodium carbonate	-	-	-	-
Alcohols, C12-15, ethoxylated	-	-	-	25

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)
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	-	-	-	119
sodium carbonate	-	-	No data available	-
Alcohols, C12-15, ethoxylated	No data available	-	No data available	-

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)
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	-	-	-	42.5
sodium carbonate	No data available	-	No data available	-
Alcohols, C12-15, ethoxylated	No data available	-	No data available	-

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

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
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	effects	effects	effects	effects
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	-	-	-	6
sodium carbonate	-	-	10	-
Alcohols, C12-15, ethoxylated	-	-	-	-

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
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	-	-	-	1.5
sodium carbonate	10	-	-	-
Alcohols, C12-15, ethoxylated	-	-	-	-

**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)
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	0.268	0.0268	0.0167	3.43
sodium carbonate	-	-	-	-
Alcohols, C12-15, ethoxylated	-	-	-	-

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
calcium carbonate	No data available	No data available	No data available	No data available
sodium alkylbenzenesulphonate	8.1	6.8	35	-
sodium carbonate	-	-	-	-
Alcohols, C12-15, ethoxylated	-	-	-	-

**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:** No special requirements under normal use conditions.  
**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
PC35-Washing and cleaning products	PC35-Washing and cleaning products	C	-	-	ERC8a
Manual application by brushing, wiping or mopping	AISE_SWED_PW_10_1	PW	PROC 10	480	ERC8a
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a

**Personal protective equipment**

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 16321 / EN 166).

**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:** Hazy , White  
**Odour:** Product specific

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**Odour threshold:** Not applicable

**Melting point/freezing point (°C):** Not determined

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

Not relevant to classification of this product

See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
calcium carbonate	No data available		
sodium alkylbenzenesulphonate	No data available		
sodium carbonate	1600	Method not given	1013
Alcohols, C12-15, ethoxylated	No data available		

**Method / remark**

**Flammability (solid, gas):** Not applicable to liquids

**Flammability (liquid):** Not flammable.

**Flash point (°C):** Not applicable.

**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:** ≈ 11 (neat)

**Kinematic viscosity:** ≈ 500 mPa.s (20 °C)

**Solubility in / Miscibility with water:** Fully miscible

ISO 4316

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
calcium carbonate	No data available		
sodium alkylbenzenesulphonate	> 250		
sodium carbonate	210-215	Method not given	20
Alcohols, C12-15, ethoxylated	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)
calcium carbonate	No data available		
sodium alkylbenzenesulphonate	No data available		
sodium carbonate	Negligible		
Alcohols, C12-15, ethoxylated	No data available		

**Method / remark**

**Relative density:** ≈ 1.20 (20 °C)

**Relative vapour density:** No data available.

**Particle characteristics:** No data available.

OECD 109 (EU A.3)

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.

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**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 hazard classes as defined in Regulation (EC) No 1272/2008**

Mixture data: .

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

**Eye irritation and corrosivity**

**Result:** Eye irritant 2      **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)
calcium carbonate		No data available				Not established
sodium alkylbenzenesulphonate	LD <sub>50</sub>	1080	Rat	OECD 401 (EU B.1)		1080
sodium carbonate	LD <sub>50</sub>	2800	Rat	OECD 401 (EU B.1)		2800
Alcohols, C12-15, ethoxylated	LD <sub>50</sub>	>300 - <=2000	Rat	Method not given		41000

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Dermal (mg/kg)
calcium carbonate		No data available				Not established
sodium alkylbenzenesulphonate	LD <sub>50</sub>	> 2000	Rat	OECD 402 (EU B.3)		Not established
sodium carbonate	LD <sub>50</sub>	> 2000	Rabbit	Method not given		Not established
Alcohols, C12-15, ethoxylated	LD <sub>50</sub>	>300 - <=2000	Rabbit	Method not given		Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
calcium carbonate		No data available			
sodium alkylbenzenesulphonate		No data available			
sodium carbonate	LC <sub>50</sub>	> 2.3 (dust)		Weight of evidence	2
Alcohols, C12-15, ethoxylated		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)
calcium carbonate	Not established	Not established	Not established	Not established
sodium alkylbenzenesulphonate	Not established	Not established	Not established	Not established
sodium carbonate	Not established	Not established	Not established	Not established
Alcohols, C12-15, ethoxylated	Not established	Not established	Not established	Not established

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
calcium carbonate	No data available			

sodium alkylbenzenesulphonate	Irritant	Rabbit	OECD 404 (EU B.4)	
sodium carbonate	Not irritant	Rabbit	OECD 404 (EU B.4)	
Alcohols, C12-15, ethoxylated	Mild irritant			

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
calcium carbonate	No data available			
sodium alkylbenzenesulphonate	Corrosive	Rabbit	OECD 405 (EU B.5)	
sodium carbonate	Irritant	Rabbit	OECD 405 (EU B.5)	
Alcohols, C12-15, ethoxylated	Severe damage			

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
calcium carbonate	No data available			
sodium alkylbenzenesulphonate	Not irritating to respiratory tract			
sodium carbonate	No data available			
Alcohols, C12-15, ethoxylated	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
calcium carbonate	No data available			
sodium alkylbenzenesulphonate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
sodium carbonate	Not sensitising		Method not given	
Alcohols, C12-15, ethoxylated	No data available			

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
calcium carbonate	No data available			
sodium alkylbenzenesulphonate	No data available			
sodium carbonate	No data available			
Alcohols, C12-15, ethoxylated	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)
calcium carbonate	No data available		No data available	
sodium alkylbenzenesulphonate	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 476 OECD 473	No data available	
sodium carbonate	No data available		No data available	
Alcohols, C12-15, ethoxylated	No data available		No data available	

## Carcinogenicity

Ingredient(s)	Effect
calcium carbonate	No data available
sodium alkylbenzenesulphonate	No data available
sodium carbonate	No evidence for carcinogenicity, weight-of-evidence
Alcohols, C12-15, ethoxylated	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
calcium carbonate			No data available				
sodium alkylbenzenesulphonate	NOAEL	Teratogenic effects	300	Rat	Non guideline test		No known significant effects or critical hazards
sodium carbonate			No data available				
Alcohols, C12-15, ethoxylated			No data available				

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Specific effects and organs
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	(mg/kg bw/d)	time (days)	affected
calcium carbonate	No data available		
sodium alkylbenzenesulphonate	No data available		
sodium carbonate	No data available		
Alcohols, C12-15, ethoxylated	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
calcium carbonate		No data available				
sodium alkylbenzenesulphonate		No data available				
sodium carbonate		No data available				
Alcohols, C12-15, ethoxylated		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
calcium carbonate		No data available				
sodium alkylbenzenesulphonate		No data available				
sodium carbonate		No data available				
Alcohols, C12-15, ethoxylated		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
calcium carbonate			No data available					
sodium alkylbenzenesulphonate			No data available					
sodium carbonate			No data available					
Alcohols, C12-15, ethoxylated			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
calcium carbonate	No data available
sodium alkylbenzenesulphonate	Not applicable
sodium carbonate	Not applicable
Alcohols, C12-15, ethoxylated	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
calcium carbonate	No data available
sodium alkylbenzenesulphonate	Not applicable
sodium carbonate	Not applicable
Alcohols, C12-15, ethoxylated	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)
calcium carbonate		No data available			
sodium alkylbenzenesulphonate	LC <sub>50</sub>	1.67	Fish	EPA-OPPTS 850.1075	96
sodium carbonate	LC <sub>50</sub>	300	<i>Lepomis macrochirus</i>	Method not given	96
Alcohols, C12-15, ethoxylated	LC <sub>50</sub>	> 2	Fish	Method not given OECD 203, static	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
calcium carbonate		No data available			
sodium alkylbenzenesulphonate	LC <sub>50</sub>	2.9	<i>Daphnia</i>	OECD 202 (EU C.2)	48
sodium carbonate	EC <sub>50</sub>	200-227	<i>Ceriodaphnia dubia</i>	Method not given	96
Alcohols, C12-15, ethoxylated	EC <sub>50</sub>	0.23	<i>Daphnia</i>	Method not given OECD 202, static	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
calcium carbonate		No data available			
sodium alkylbenzenesulphonate	E <sub>b</sub> C <sub>50</sub>	47.3	<i>Not specified</i>	Non guideline test	72
sodium carbonate	EC <sub>50</sub>	> 800	<i>Selenastrum capricornutum</i>		72
Alcohols, C12-15, ethoxylated	EC <sub>50</sub>	0.75	<i>Pseudokirchneriella subcapitata</i>		72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
calcium carbonate		No data available			
sodium alkylbenzenesulphonate		No data available			
sodium carbonate		No data available			
Alcohols, C12-15, ethoxylated		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
calcium carbonate		No data available			
sodium alkylbenzenesulphonate	EC <sub>50</sub>	550	<i>Bacteria</i>	OECD 209	3 hour(s)
sodium carbonate		No data available			
Alcohols, C12-15, ethoxylated		No data available			

#### Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
calcium carbonate		No data available				
sodium alkylbenzenesulphonate	NOEC	0.23	<i>Oncorhynchus mykiss</i>	Method not given	72 day(s)	
sodium carbonate		No data				

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		available				
Alcohols, C12-15, ethoxylated	NOEC	> 0.1 - <= 1.0		Method not given		

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
calcium carbonate		No data available				
sodium alkylbenzenesulphonate	NOEC	1.41	<i>Daphnia magna</i>	OECD 211		
sodium carbonate		No data available				
Alcohols, C12-15, ethoxylated	NOEC	> 0.1 - <= 1.0		Method not given		

## 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
calcium carbonate		No data available				
sodium alkylbenzenesulphonate		No data available				
sodium carbonate		No data available				
Alcohols, C12-15, ethoxylated	EC <sub>50</sub>	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
sodium carbonate		No data available				

## Terrestrial toxicity - plants, if available:

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

## Terrestrial toxicity - birds, if available:

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

## Terrestrial toxicity - beneficial insects, if available:

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

## Terrestrial toxicity - soil bacteria, if available:

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

## Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
sodium carbonate	No data available		Rapidly hydrolysible	

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Abiotic degradation - other processes, if available:

Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
sodium carbonate		No data available			

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
calcium carbonate					Not applicable (inorganic substance)
sodium alkylbenzenesulphonate	Activated sludge, aerobe	CO <sub>2</sub> production	85 % in 28 day(s)	OECD 301B	Readily biodegradable
sodium carbonate					Not applicable (inorganic substance)
Alcohols, C12-15, ethoxylated	Activated sludge, aerobe	CO <sub>2</sub> production	72% in 28 day(s)	OECD 301B	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

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

Degradation in relevant environmental compartments, if available:

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

**12.3 Bioaccumulative potential**Partition coefficient n-octanol/water (log K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
calcium carbonate	No data available			
sodium alkylbenzenesulphonate	3.32	Method not given	Low potential for bioaccumulation	
sodium carbonate	No data available		No bioaccumulation expected	
Alcohols, C12-15, ethoxylated	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
calcium carbonate	No data available				
sodium alkylbenzenesulphonate	2-1000		Method not given	High potential for bioaccumulation	
sodium carbonate	No data available			No bioaccumulation expected	
Alcohols, C12-15, ethoxylated	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
calcium carbonate	No data available				
sodium alkylbenzenesulphonate	No data available				
sodium carbonate	No data available				Potential for mobility in soil, soluble in water
Alcohols, C12-15, ethoxylated	No data available				

**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

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**European Waste Catalogue:** material is suitable for energy recovery or recycling in line with local legislation.  
20 01 29\* - detergents 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****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)
- 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, soap < 5 %  
Phenoxyethanol, perfumes , Limonene, Hexyl Cinnamal, Linalool, Citronellol, Butylphenyl Methylpropional

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:** MS1002038

**Version:** 05.1

**Revision:** 2024-08-01

**Reason for revision:**

Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s):, 8, 9, 10, 11, 12, 15, 16

**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:**

**Cif Professional Cream**

- 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
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H400 - Very toxic to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.

**End of Safety Data Sheet**