

## Cream Cleaner

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

#### 1.1. Product identifier

Product name : Cream Cleaner  
 Registration number REACH : Not applicable (mixture)  
 Product type REACH : Mixture

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

##### 1.2.1 Relevant identified uses

Detergent according to Regulation (EC) No 648/2004

##### 1.2.2 Uses advised against

No uses advised against known

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

##### Supplier of the safety data sheet

SOULDAL N.V.  
 Everdongenlaan 18-20  
 B-2300 Turnhout  
 ☎ +32 14 42 42 31  
 ☐ +32 14 42 65 14  
 msds@soudal.com

##### Manufacturer of the product

SOULDAL N.V.  
 Everdongenlaan 18-20  
 B-2300 Turnhout  
 ☎ +32 14 42 42 31  
 ☐ +32 14 42 65 14  
 msds@soudal.com

#### 1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):  
 +32 14 58 45 45 (BIG)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Eye Dam.	category 1	H318: Causes serious eye damage.

#### 2.2. Label elements



##### Signal word

Danger

##### H-statements

H318 Causes serious eye damage.

##### P-statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear eye 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.  
 P310 Immediately call a POISON CENTER/doctor.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

#### 2.3. Other hazards

# Cream Cleaner

No other hazards known

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 01-2119489428-22	68411-30-3 270-115-0	1%<C<10%	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	(1)(8)	UVCB
sodium carbonate	497-19-8 207-838-8	1%<C<10%	Eye Irrit. 2; H319	(1)	Constituent
alcohols, C12-13, branched and linear, ethoxylated	160901-19-9 500-457-0	1%<C<10%	Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	(1)(10)	UVCB
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)- 01-2119490100-53		1%<C<10%	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	(1)(10)	UVCB

(1) For H-statements in full: see heading 16

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

(8) Specific concentration limits, see heading 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

#### After eye contact:

Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

#### After ingestion:

Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the respiratory tract.

##### After skin contact:

Red skin.

##### After eye contact:

Corrosion of the eye tissue. Redness of the eye tissue. Lacrimation. Visual disturbances.

##### After ingestion:

Nausea. Vomiting.

#### 4.2.2 Delayed symptoms

No effects known.

### 4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### 5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment.

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

2 / 15

# Cream Cleaner

## 5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours, sulphur oxides.

## 5.3. Advice for firefighters

### 5.3.1 Instructions:

No specific fire-fighting instructions required.

### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Safety glasses. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves. Safety glasses. Protective clothing.

#### Suitable protective clothing

See heading 8.2

### 6.2. Environmental precautions

Contain leaking substance. Use appropriate containment to avoid environmental contamination.

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

Take up liquid spill into absorbent material, e.g.: sand/earth. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

### 6.4. Reference to other sections

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1. Precautions for safe handling

Observe normal hygiene standards. Keep container tightly closed.

### 7.2. Conditions for safe storage, including any incompatibilities

#### 7.2.1 Safe storage requirements:

Store at room temperature. Meet the legal requirements. Max. storage time: 1 year(s).

#### 7.2.2 Keep away from:

Oxidizing agents, (strong) acids.

#### 7.2.3 Suitable packaging material:

HDPE.

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

If applicable and available it will be listed below.

#### 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

#### 8.1.4 DNEL/PNEC values

##### DNEL/DMEL - Workers

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

3 / 15

# Cream Cleaner

## benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	12 mg/m <sup>3</sup>	
	Long-term local effects inhalation	12 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	170 mg/kg bw/day	

## sodium carbonate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	10 mg/m <sup>3</sup>	

## alcohols, C12-13, branched and linear, ethoxylated

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	294 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	2080 mg/kg bw/day	

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	73.4 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	4.16 mg/kg bw/day	
	Long-term local effects dermal	0.09 mg/cm <sup>2</sup>	

## **DNEL/DMEL - General population**

## benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	3 mg/m <sup>3</sup>	
	Long-term local effects inhalation	3 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	85 mg/kg bw/day	
	Long-term systemic effects oral	0.85 mg/kg bw/day	

## sodium carbonate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Acute local effects inhalation	10 mg/m <sup>3</sup>	

## alcohols, C12-13, branched and linear, ethoxylated

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	87 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	1250 mg/kg bw/day	
	Long-term systemic effects oral	25 mg/kg bw/day	

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	21.73 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	2.5 mg/kg bw/day	
	Long-term local effects dermal	0.056 mg/cm <sup>2</sup>	
	Long-term systemic effects oral	6.25 mg/kg bw/day	

## **PNEC**

## benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Compartments	Value	Remark
Fresh water	0.268 mg/l	
Salt water	0.0268 mg/l	
Aqua (intermittent releases)	0.0167 mg/l	
STP	3.43 mg/l	
Fresh water sediment	8.1 mg/kg sediment dw	
Marine water sediment	8.1 mg/kg sediment dw	
Soil	35 mg/kg soil dw	

## alcohols, C12-13, branched and linear, ethoxylated

Compartments	Value	Remark
Fresh water	0.022 mg/l	
Marine water	0.022 mg/l	
Aqua (intermittent releases)	0.00282 mg/l	
STP	10 g/l	
Fresh water sediment	5.91 mg/kg sediment dw	
Marine water sediment	5.91 mg/kg sediment dw	
Soil	1 mg/kg soil dw	

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

4 / 15

# Cream Cleaner

amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Compartments	Value	Remark
Fresh water	7 µg/l	
Marine water	0.7 µg/l	
Aqua (intermittent releases)	24 µg/l	
STP	0.83 g/l	
Fresh water sediment	42.4 µg/kg sediment dw	
Soil	18.9 µg/kg soil dw	

## 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions.

#### b) Hand protection:

Gloves.

#### c) Eye protection:

Safety glasses.

#### d) Skin protection:

Protective clothing.

### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

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

Physical form	Paste
Odour	Characteristic odour
Odour threshold	Not applicable
Colour	Beige
Particle size	Not applicable (liquid)
Explosion limits	No data available
Flammability	Non combustible
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	> 100 °C
Flash point	Not applicable
Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	No data available
Solubility	water ; poorly soluble
Relative density	No data available
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	10.5 - 11.5 ; 1 %

### 9.2. Other information

Absolute density	No data available
------------------	-------------------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Substance has basic reaction.

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

5 / 15

# Cream Cleaner

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data available.

## 10.4. Conditions to avoid

No data available.

## 10.5. Incompatible materials

Oxidizing agents, (strong) acids.

## 10.6. Hazardous decomposition products

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours, sulphur oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 11.1.1 Test results

#### Acute toxicity

##### Cream Cleaner

No (test) data on the mixture available

##### benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	1080 mg/kg bw		Rat (male/female)	Experimental value	

##### sodium carbonate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		2800 mg/kg		Rat (male/female)	Experimental value	
Dermal	LD50		> 2000 mg/kg		Rabbit	Experimental value	
Inhalation	LC50		2.30 mg/l	2 h	Rat (male)	Experimental value	

##### alcohols, C12-13, branched and linear, ethoxylated

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	Equivalent to OECD 401	> 5000 mg/kg bw		Rat (male/female)	Read-across	
Dermal	LD50	Equivalent to OECD 402	> 2000 mg/kg bw	24 h	Rabbit (male/female)	Read-across	
Inhalation (aerosol)	LC50	Equivalent to OECD 403	> 1.6 mg/l	4 h	Rat (male/female)	Read-across	

##### amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	> 2000 mg/kg bw		Rat (male/female)	Experimental value	
Dermal	LD50	Other	> 2000 mg/kg bw	24 h	Rabbit (male/female)	Experimental value	
Inhalation (vapours)						Data waiving	

Judgement is based on the relevant ingredients

#### Conclusion

Not classified for acute toxicity

#### Corrosion/irritation

##### Cream Cleaner

No (test) data on the mixture available

##### benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	OECD 405		24; 48; 72 hours	Rabbit	Experimental value	
Skin	Irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

6 / 15

# Cream Cleaner

## sodium carbonate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Irritating	EPA 16 CFR 1500.42		1; 2; 3; 4; 7; 10; 14 days	Rabbit	Experimental value	
Eye	Highly irritating	Equivalent to OECD 405		1; 24; 48; 72; 168 hours	Rabbit	Experimental value	
Dermal	Not irritating	OECD 404		24; 48; 72 hours	Rabbit	Experimental value	
Inhalation (aerosol)	Slightly irritating					Literature	

## alcohols, C12-13, branched and linear, ethoxylated

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye						Data waiving	
Eye	Serious eye damage; category 1					Literature study	
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Read-across	

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Highly irritating	OECD 405			Rabbit	Read-across	Single exposure
Skin	Highly irritating	OECD 404	4 h		Rabbit	Experimental value	

Classification is based on the relevant ingredients

### **Conclusion**

- Causes serious eye damage.
- Not classified as irritating to the skin
- Not classified as irritating to the respiratory system

### **Respiratory or skin sensitisation**

#### Cream Cleaner

No (test)data on the mixture available

## sodium carbonate

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin						Not determined, exemption according to REACH	
Inhalation						Not determined, exemption according to REACH	

## alcohols, C12-13, branched and linear, ethoxylated

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 406		24; 48 hours	Guinea pig (female)	Read-across	

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 406	48 h	24; 48 hours	Guinea pig (female)	Experimental value	

Judgement is based on the relevant ingredients

### **Conclusion**

- Not classified as sensitizing for skin
- Not classified as sensitizing for inhalation

### **Specific target organ toxicity**

#### Cream Cleaner

No (test)data on the mixture available

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

7 / 15

# Cream Cleaner

## sodium carbonate

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral								No relevant data available
Dermal								No data available
Inhalation								No data available

## alcohols, C12-13, branched and linear, ethoxylated

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (diet)	NOAEL	Equivalent to OECD 408	500 mg/kg bw/day		No effect	13 week(s)	Rat (male/female)	Read-across

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	NOAEL	Equivalent to OECD 407	> 750 mg/kg bw/day		No effect	4 weeks (5 days/week)	Rat (male/female)	Read-across
Dermal	NOAEL	Subchronic toxicity test	50 mg/l		No effect	14 weeks (5 days/week)	Rat (male/female)	Experimental value

Judgement is based on the relevant ingredients

### **Conclusion**

Not classified for subchronic toxicity

### **Mutagenicity (in vitro)**

#### Cream Cleaner

No (test) data on the mixture available

#### sodium carbonate

Result	Method	Test substrate	Effect	Value determination
Negative	Other	Escherichia coli		Experimental value
Ambiguous	OECD 471	Bacteria (S.typhimurium)		Read-across

#### alcohols, C12-13, branched and linear, ethoxylated

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	OECD 473	Chinese hamster ovary (CHO)	No effect	Read-across
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Read-across
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster ovary (CHO)	No effect	Read-across

#### amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value

### **Mutagenicity (in vivo)**

#### Cream Cleaner

No (test) data on the mixture available

#### sodium carbonate

Result	Method	Exposure time	Test substrate	Organ	Value determination
					No data available

#### alcohols, C12-13, branched and linear, ethoxylated

Result	Method	Exposure time	Test substrate	Organ	Value determination
Negative	Equivalent to OECD 475		Rat (male/female)		Read-across

#### amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Result	Method	Exposure time	Test substrate	Organ	Value determination
Negative	OECD 474		Mouse (male/female)	Blood	Experimental value

### **Carcinogenicity**

#### Cream Cleaner

No (test) data on the mixture available

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

8 / 15



# Cream Cleaner

## sodium carbonate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Inhalation								No data available
Dermal								No data available
Oral								No data available

## alcohols, C12-13, branched and linear, ethoxylated

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Inhalation								Data waiving
Dermal								Data waiving
Oral								Data waiving

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Dermal		Not further determined		104 weeks (5 days/week)	Rat (male/female)	No carcinogenic effect		Experimental value

### Reproductive toxicity

#### Cream Cleaner

No (test) data on the mixture available

#### sodium carbonate

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Other	≥ 245 mg/kg bw/day		Rat	No effect		Experimental value
Effects on fertility								Not determined, exemption according to REACH

#### alcohols, C12-13, branched and linear, ethoxylated

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Equivalent to OECD 416	≥ 250 mg/kg bw/day		Rat	No effect		Read-across
Maternal toxicity	NOAEL	Other	100 mg/kg bw/day		Rat	No effect		Read-across
Effects on fertility	NOAEL	Equivalent to OECD 416	≥ 250 mg/kg bw/day		Rat (male/female)	No effect		Read-across

#### amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	OECD 414	> 1000 mg/kg bw/day	10 day(s)	Rat (female)	No effect		Read-across
Maternal toxicity	NOAEL	OECD 414	> 1000 mg/kg bw/day	10 day(s)	Rat (female)	No effect		Read-across
Effects on fertility								Data waiving

Judgement is based on the relevant ingredients

#### **Conclusion CMR**

Not classified for carcinogenicity

Not classified for mutagenic or genotoxic toxicity

Not classified for reprotoxic or developmental toxicity

#### Toxicity other effects

##### Cream Cleaner

No (test) data on the mixture available

#### Chronic effects from short and long-term exposure

##### Cream Cleaner

No effects known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

9 / 15

# Cream Cleaner

## Cream Cleaner

No (test)data on the mixture available

### benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	US EPA	1.67 mg/l	96 h	Lepomis macrochirus	Static system	Fresh water	QSAR
Acute toxicity invertebrates	LC50		3.5 mg/l	96 h	Hyalella azteca	Static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	NOEC		2.4 mg/l	72 h	Desmodesmus subspicatus	Static system		Experimental value
Acute toxicity other aquatic organisms	NOEC		> 4 mg/l	28 day(s)		Flow-through system	Fresh water	Experimental value
Long-term toxicity fish	NOEC		0.25 mg/l	90 day(s)	Tilapia mossambica	Static system	Fresh water	Experimental value
Long-term toxicity aquatic invertebrates	NOEC	OECD 211	1.18 mg/l	21 day(s)	Daphnia magna	Flow-through system	Fresh water	Experimental value

### sodium carbonate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	Other	300 mg/l	96 h	Lepomis macrochirus	Static system	Fresh water	Experimental value
Acute toxicity invertebrates	EC50	Other	200 mg/l - 227 mg/l	48 h	Ceriodaphnia sp.	Semi-static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	EC50		242 mg/l	5 day(s)	Algae			Experimental value

### alcohols, C12-13, branched and linear, ethoxylated

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	1.8 mg/l - 3.2 mg/l	96 h	Danio rerio	Static system	Fresh water	Experimental value; GLP
Acute toxicity invertebrates	EC50	OECD 202	0.6 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	ErC50	OECD 201	0.282 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Weight of evidence; GLP
Long-term toxicity fish	NOEC		> 0.28 mg/l	30 day(s)	Lepomis macrochirus	Flow-through system	Fresh water	Read-across
Long-term toxicity aquatic invertebrates	NOEC	US EPA	0.77 mg/l - 1.75 mg/l	21 day(s)	Daphnia magna	Flow-through system	Fresh water	Read-across

### amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	2.4 mg/l	96 h	Oncorhynchus mykiss	Semi-static system	Fresh water	Experimental value; GLP
Acute toxicity invertebrates	EC50	OECD 202	3.2 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	NOEC	EU Method C.3	2 mg/l	72 h	Desmodesmus subspicatus	Static system	Fresh water	Experimental value; GLP
	EbC50	EU Method C.3	23.4 mg/l	72 h	Desmodesmus subspicatus	Static system	Fresh water	Experimental value; GLP
Long-term toxicity fish	NOEC	OECD 204	0.32 mg/l	28 day(s)	Oncorhynchus mykiss	Flow-through system	Fresh water	Read-across; GLP
Long-term toxicity aquatic invertebrates	NOEC	OECD 211	0.07 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Read-across; GLP
Toxicity aquatic micro-organisms	EC50	DIN 38412-8	6 g/l	72 h	Pseudomonas putida	Static system	Fresh water	Experimental value; GLP

Judgement of the mixture is based on the relevant ingredients

## Conclusion

pH shift

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

## 12.2. Persistence and degradability

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

10 / 15

# Cream Cleaner

## benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

### Biodegradation water

Method	Value	Duration	Value determination
OECD 301B: CO2 Evolution Test	85 %	29 day(s)	Experimental value

### Biodegradation soil

Method	Value	Duration	Value determination
	50 %	7 - 22 day(s)	Read-across

## alcohols, C12-13, branched and linear, ethoxylated

### Biodegradation water

Method	Value	Duration	Value determination
OECD 301F: Manometric Respirometry Test	95 %; Oxygen consumption	28 day(s)	Experimental value

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

### Biodegradation water

Method	Value	Duration	Value determination
OECD 301B: CO2 Evolution Test	92.5 %	28 day(s)	Experimental value

### Phototransformation air (DT50 air)

Method	Value	Conc. OH-radicals	Value determination
AOPWIN v1.92	0.5129 day(s)	1.5E6 /cm <sup>3</sup>	Calculated value

### **Conclusion**

Contains readily biodegradable component(s)

## **12.3. Bioaccumulative potential**

### Cream Cleaner

#### Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

## benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

### BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF	OECD 305	987	168 - 192 h	Pimephales promelas	Experimental value

## sodium carbonate

#### Log Kow

Method	Remark	Value	Temperature	Value determination
		-6.19		Estimated value

## alcohols, C12-13, branched and linear, ethoxylated

### BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF		12.7 - 232.5	72 h	Pimephales promelas	Read-across

#### Log Kow

Method	Remark	Value	Temperature	Value determination
KOWWIN		2.03 - 5.26		Read-across

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

### BCF other aquatic organisms

Parameter	Method	Value	Duration	Species	Value determination
BCF	BCFBAF v3.00	65.36			Calculated value

#### Log Kow

Method	Remark	Value	Temperature	Value determination
OECD 117		1.35 - 4.84	20 °C	Experimental value

### **Conclusion**

Contains bioaccumulative component(s)

## **12.4. Mobility in soil**

# Cream Cleaner

amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

**(log) Koc**

Parameter	Method	Value	Value determination
Koc	SRC PCKOCWIN v2.0	243 l/kg	Calculated value

**Volatility (Henry's Law constant H)**

Value	Method	Temperature	Remark	Value determination
0.000000374 Pa.m <sup>3</sup> /mol	SRC HENRYWIN v3.20	25 °C		Calculated value

**Percent distribution**

Method	Fraction air	Fraction biota	Fraction sediment	Fraction soil	Fraction water	Value determination
Mackay level III	0.0369 %		0.251 %	71.69 %	27.66 %	Calculated value

**Conclusion**

Contains component(s) with potential for mobility in the soil

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

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

**12.6. Other adverse effects**

Cream Cleaner

**Global warming potential (GWP)**

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

**Ozone-depleting potential (ODP)**

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

**Global warming potential (GWP)**

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

sodium carbonate

**Global warming potential (GWP)**

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

**Global warming potential (GWP)**

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

**13.1. Waste treatment methods**

**13.1.1 Provisions relating to waste**

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

20 01 29\* (separately collected fractions (except 15 01): detergents containing hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable. Hazardous waste according to Regulation (EU) No 1357/2014.

**13.1.2 Disposal methods**

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

**13.1.3 Packaging/Container**

Waste material code packaging (Directive 2008/98/EC).

15 01 10\* (packaging containing residues of or contaminated by dangerous substances).

## SECTION 14: Transport information

**Road (ADR)**

14.1. UN number

Transport	Not subject
-----------	-------------

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Hazard identification number	
Class	
Classification code	

14.4. Packing group

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

# Cream Cleaner

Packing group	
Labels	

**14.5. Environmental hazards**

Environmentally hazardous substance mark	no
--	----

**14.6. Special precautions for user**

Special provisions	
Limited quantities	

**Rail (RID)**

**14.1. UN number**

Transport	Not subject
-----------	-------------

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

Hazard identification number	
Class	
Classification code	

**14.4. Packing group**

Packing group	
Labels	

**14.5. Environmental hazards**

Environmentally hazardous substance mark	no
--	----

**14.6. Special precautions for user**

Special provisions	
Limited quantities	

**Inland waterways (ADN)**

**14.1. UN number**

Transport	Not subject
-----------	-------------

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

Class	
Classification code	

**14.4. Packing group**

Packing group	
Labels	

**14.5. Environmental hazards**

Environmentally hazardous substance mark	no
--	----

**14.6. Special precautions for user**

Special provisions	
Limited quantities	

**Sea (IMDG/IMSBC)**

**14.1. UN number**

Transport	Not subject
-----------	-------------

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

Class	
-------	--

**14.4. Packing group**

Packing group	
Labels	

**14.5. Environmental hazards**

Marine pollutant	-
Environmentally hazardous substance mark	no

**14.6. Special precautions for user**

Special provisions	
Limited quantities	

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Annex II of MARPOL 73/78	
--------------------------	--

**Air (ICAO-TI/IATA-DGR)**

**14.1. UN number**

Transport	Not subject
-----------	-------------

**14.2. UN proper shipping name**

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

# Cream Cleaner

## 14.3. Transport hazard class(es)

Class	
-------	--

## 14.4. Packing group

Packing group	
Labels	

## 14.5. Environmental hazards

Environmentally hazardous substance mark	no
--	----

## 14.6. Special precautions for user

Special provisions	
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
0 %	
0 g/l	

European drinking water standards (Directive 98/83/EC)

#### sodium carbonate

Parameter	Parametric value	Note	Reference
Sodium	200 mg/l		Listed in Annex I, Part C, of Directive 98/83/EC on the quality of water intended for human consumption.

#### REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
- alcohols, C12-13, branched and linear, ethoxylated - amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: — ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, — tricks and jokes, — games for one or more participants, or any article intended to be used as such, even with ornamental aspects. 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: — can be used as fuel in decorative oil lamps for supply to the general public, and, — present an aspiration hazard and are labelled with R65 or H304. 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage"; b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage"; c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.'

#### National legislation The Netherlands

##### Cream Cleaner

Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 03
Waterbevaarlijkheid	8

#### National legislation Germany

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

14 / 15

# Cream Cleaner

## Cream Cleaner

WGK	2; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
-----	---

## sodium carbonate

TA-Luft	5.2.1
---------	-------

## amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)-

TA-Luft	5.2.5
---------	-------

### **National legislation France**

#### Cream Cleaner

No data available

### **National legislation Belgium**

#### Cream Cleaner

No data available

### **Other relevant data**

#### Cream Cleaner

No data available

## **15.2. Chemical safety assessment**

No chemical safety assessment is required.

## SECTION 16: Other information

### **Full text of any H-statements referred to under headings 2 and 3:**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

### **M-factor**

alcohols, C12-13, branched and linear, ethoxylated	1	Acute	ECHA
--	---	-------	------

### **Specific concentration limits CLP**

benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	C ≥ 65 %	Acute Tox. 4;H302	ECHA
--	----------	-------------------	------

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

Reason for revision: ATP4

Publication date: 2009-03-16

Date of revision: 2015-10-23

Revision number: 0100

Product number: 46474

15 / 15