

According to Regulation (EC) No. 1907/2006 (REACH) and its latest amendment

Issuing Date: 07-Feb-2019

Revision date 02-May-2019

Version 2.02

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Form	Mixture
Product Name	P&G PROFESSIONAL C2 Concentrated Disinfecting Multi-Surface + Glass Cleaner
Product Identifier	97136893_PGP_CLP_EUR
Synonyms	PA00194284
Product group	Trade Product

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

Recommended use	Restricted to professional users
Main user category	SU 22 - Professional uses
Use category	PC35 - Washing and cleaning products (including solvent based products) PC8 - Biocidal Products (e.g. disinfectants, pest control)
Uses advised against	No information available
Product category	Professional biocide cleaner

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

Details of the supplier of the safety data sheet	Procter & Gamble UK Brooklands PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200
E-mail Address	customerservice@pgprof.com pgsds.im@pg.com

### 1.4 Emergency Telephone Number

Emergency Telephone	(UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497
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## Section 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Skin corrosion/irritation	Category 1 - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Corrosive to metals	Category 1 - (H290)

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Adverse human health effects and symptoms

No information available

### 2.2 Label elements

Label according to Regulation (EC) No. 1272/2008



Signal Word

DANGER

**Hazard statements** H314 - Causes severe skin burns and eye damage  
 H290 - May be corrosive to metals

**Precautionary Statements** P102 - Keep out of reach of children  
 P101 - If medical advice is needed, have product container or label at hand  
 P260 - Do not breathe vapours  
 P280 - Wear protective gloves/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  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

**2.3 Other hazards**

**Other hazards which do not result in classification** No presence of PBT and vPvB ingredients.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

Chemical name	CAS No.	EC-No	REACH Registration No	Weight-%	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (chronic)	M-Factor (acute)
Butoxydiglycol	112-34-5	203-961-6		10 - 20	Eye Irrit. 2(H319)	1	1
Caprylyl/Capryl Glucoside	68515-73-1	500-220-1		5 - 10	Eye Dam. 1(H318)	1	1
Hexyloxyethanol	112-25-4	203-951-1		5 - 10	Acute Tox. 4 (Oral)(H302) Acute Tox. 3 (Dermal)(H311) Skin Corr. 1B(H314)	1	1
Isopropanolamine	78-96-6	201-162-7	01-2119475331-43	5 - 10	Acute Tox. 4(H312) Skin Corr. 1B(H314) Eye Dam. 1(H318)	1	1
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	287-090-7		<1	Acute Tox. 4 (Oral)(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400)	1	1
Benzalkonium Chloride	68391-01-5	269-919-4		<1	Acute Tox. 4 (Oral)(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400)	1	10

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section 4: FIRST AID MEASURES**

**4.1 Description of first-aid measures**

**Inhalation** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.  
**Skin contact** IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.  
**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
**Ingestion** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

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

**Symptoms/injuries after inhalation** Coughing. Sneezing.  
**Symptoms/injuries after skin contact** Redness. Swelling. Dryness. Itching.

**Symptoms/injuries after eye contact** Severe pain. Redness. Swelling. Blurred vision.  
**Symptoms/injuries after ingestion** Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion.  
Diarrhea.

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

Refer to section 4.1.

### Section 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media** Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

**Extinguishing Media Which Must Not Be Used For Safety Reasons** Not applicable.

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

**Fire Hazard** No fire hazard. Non-combustible.  
**Explosion hazard** Product is not explosive.  
**Reactivity** No dangerous reaction known under conditions of normal use.

#### 5.3 Advice for firefighters

**Special protective equipment for fire-fighters** No specific firefighting instructions required.  
**Protective equipment and precautions for firefighters** In case of inadequate ventilation wear respiratory protection.

### Section 6: ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel** Wear suitable gloves and eye/face protection.  
**Advice for emergency responders** Wear suitable gloves and eye/face protection.

#### 6.2 Environmental precautions

**Environmental precautions** Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

#### 6.3 Methods and materials for containment and cleaning up

**Methods for containment** Scoop absorbed substance into closing containers.  
**Methods for cleaning up** Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large Spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.  
**Other information** Not applicable.

#### 6.4 Reference to other sections

**Other information** Refer to Sections 8 and 13.

### Section 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

**Advice on safe handling** Avoid contact with eyes. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

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

**Technical measures/Storage conditions** Store in original container. Refer to section 10.  
**Incompatible products** Refer to section 10.  
**Incompatible materials** Refer to section 10.  
**Prohibitions on mixed storage** Not applicable.

**Requirements for storage rooms and containers** Store in a cool area. Store in a dry area.

**7.3 Specific end uses**

Refer to section 1.2.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**National Occupational Exposure**

**Limits**

Chemical name	CAS No.	Norway	Ireland	United Kingdom	European Union
Butoxydiglycol	112-34-5	TWA: 10 ppm TWA: 68 mg/m <sup>3</sup> STEL: 15 ppm STEL: 102 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup> STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)**

**Workers**

Chemical name	CAS No.	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
Butoxydiglycol	112-34-5	101.2 mg/m <sup>3</sup>	20 mg/kg bw/day	67.5 mg/m <sup>3</sup>
Caprylyl/Capryl Glucoside	68515-73-1		595000 mg/kg bw/d	420 mg/m <sup>3</sup>
Isopropanolamine	78-96-6			8.5 mg/m <sup>3</sup>

Chemical name	CAS No.	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Butoxydiglycol	112-34-5		67.5 mg/m <sup>3</sup>

**Consumers**

Chemical name	CAS No.	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local	Consumer - oral, short-term - systemic
Butoxydiglycol	112-34-5	50.6 mg/m <sup>3</sup>		

Chemical name	CAS No.	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Butoxydiglycol	112-34-5	1.25 mg/kg bw/day	34 mg/m <sup>3</sup>	
Caprylyl/Capryl Glucoside	68515-73-1	35.7 mg/kg bw/d		
Isopropanolamine	78-96-6	0.67 mg/kg bw/day		

Chemical name	CAS No.	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Butoxydiglycol	112-34-5	34 mg/m <sup>3</sup>	10 mg/kg bw/day
Caprylyl/Capryl Glucoside	68515-73-1	124 mg/m <sup>3</sup>	357000 mg/kg bw/d
Isopropanolamine	78-96-6	2.1 mg/m <sup>3</sup>	

**Predicted No Effect Concentration (PNEC)**

Chemical name	CAS No.	Fresh Water	Marine water	Intermittent release
Butoxydiglycol	112-34-5	1 mg/L	0.1 mg/L	3.9 mg/L
Caprylyl/Capryl Glucoside	68515-73-1	0.176 mg/L	0.018 mg/L	0.27 mg/L
Isopropanolamine	78-96-6	0.0327 mg/L	0.00327 mg/L	0.327 mg/L

Chemical name	CAS No.	Freshwater sediment	Marine sediment	Sewage treatment plant
Butoxydiglycol	112-34-5	4 mg/kg sediment dw	0.4 mg/kg sediment dw	200 mg/L
Caprylyl/Capryl Glucoside	68515-73-1	1.516 mg/kg sediment dw	0.152 mg/kg sediment dw	560 mg/L
Isopropanolamine	78-96-6	0.177 mg/kg sediment dw	0.0177 mg/kg sediment dw	3.3 mg/L

Chemical name	CAS No.	Soil	air	Oral
Butoxydiglycol	112-34-5	0.4 mg/kg soil dw		

Caprylyl/Capryl Glucoside	68515-73-1	0.654 mg/kg soil dw	
Isopropanolamine	78-96-6	0.0161 mg/kg soil dw	

## 8.2 Exposure controls

<b>Appropriate engineering controls</b>	No information available
<b>Personal protective equipment</b>	Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.
<b>Hand Protection</b>	Wear protective gloves.
<b>Eye Protection</b>	Wear eye/face protection.
<b>Skin and Body Protection</b>	Wear suitable gloves.
<b>Respiratory Protection</b>	Not applicable.
<b>Thermal hazards</b>	Not applicable.
<b>Environmental exposure controls</b>	Prevent that the undiluted product reaches surface waters.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Property	Value / Units	Test Method / Notes
Appearance	Liquid	
Physical state	Liquid	
Color	colored	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	10.65	
Melting point / freezing point	No data available	
Boiling point / boiling range	95 - 105 °C	
Flash point	No Flash to Boiling (NFTB)	No Flash to Boiling (NFTB)
Relative Evaporation Rate (butylacetate=1)	No data available	
Flammability (solid, gas)	Not applicable	
Upper/lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative density	1-1.2	
Solubility	Soluble in water	
Partition Coefficient (n-octanol/water)	Not available	
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	5 - 10 cP	
Explosive properties	No data available	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
Oxidizing properties	No data available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2) )

### 9.2 Other information

Other information No information available.

## Section 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reactions known.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

See section 10.1 on reactivity for more information.

### 10.4 Conditions to Avoid

None under normal use conditions.

### 10.5 Incompatible materials

Not applicable.

### 10.6 Hazardous Decomposition Products

None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Mixture

<b>Acute toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Skin corrosion.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Skin sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not Classified. Based on the available data, the classification criteria are not met.

#### Substances in the mixture

Chemical name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Butoxydiglycol	112-34-5	2410 mg/kg bw (Similar to OECD 401; mouse)	2764 mg/kg bw (Similar to OECD 402; rabbit)	> 14.48 mg/L (Guideline not indicated; rat)
Caprylyl/Capryl Glucoside	68515-73-1	> 2000 mg/kg bw (OECD 423)	> 2000 mg/kg bw (//OECD 402)	-
Isopropanolamine	78-96-6	2813 mg/kg bw (//OECD 401)	-	> 1.005 mg/L air
Benzalkonium Chloride	68391-01-5	>300-2000 mg/kg bw	-	-

## Section 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Ecotoxicity effects** No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

#### Acute toxicity

Chemical name	CAS No.	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms
Butoxydiglycol	112-34-5	1300 mg/L (Similar to OECD 203; Lepomis macrochirus; static; freshwater)	> 100 mg/L (OECD 201; Desmodesmus subspicatus; static; freshwater; 96 h)	> 100 mg/L (Guideline: EU Method C.2; Daphnia magna; static; freshwater)	EC10: > 1995 mg/L (Similar to OECD 209; activated sludge, industrial; static; freshwater; 30 min)
Caprylyl/Capryl Glucoside	68515-73-1	100.81 mg/L (ISO 7346/1-3; Danio)	27.22 mg/L (DIN 38412;	> 100 mg/L (OECD 202; Daphnia magna;	> 560 mg/L (Pseudomonas

		erio; 96 h)	Desmodesmus subspicatus; 72 h)	48 h)	putida; 6 h)
Isopropanolamine	78-96-6	215 mg/L (DIN 38412-15; Leuciscus idus; 96 h)	32.7 mg/L (DIN 38412-9; Desmodesmus subspicatus; 72 h)	108.82 mg/L (Daphnia magna; 48 h)	> 261 mg/L (0.5 h)
Benzalkonium Chloride	68391-01-5	-	-	0.016 mg/l	-

#### Chronic Toxicity

Chemical name	CAS No.	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*
Butoxydiglycol	112-34-5		> 100 mg/L (OECD 201; Desmodesmus subspicatus; static; freshwater; 96 h)		
Caprylyl/Capryl Glucoside	68515-73-1	1.8 mg/L (OECD 204; Danio rerio; 28 d)	6.25 mg/L (DIN 38412; Desmodesmus subspicatus; 3 d)	2 mg/L (OECD 202; Daphnia magna; 21 d)	> 560 mg/L (Pseudomonas putida; 0.25 d)

#### 12.2 Persistence and degradability

##### Persistence and degradability

Chemical name	CAS No.	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Butoxydiglycol	112-34-5		85% (OECD 301 C; O <sub>2</sub> consumption; activated sludge, non-adapted; aerobic)
Caprylyl/Capryl Glucoside	68515-73-1		100% DOC; OECD 301 E; > 70% (10 d)
Isopropanolamine	78-96-6		> 78% O <sub>2</sub> ; OECD 301 F; > 60% (10 d)

#### 12.3 Bioaccumulative potential

##### Bioaccumulative potential

Chemical name	CAS No.	Bioaccumulative potential	Octanol/water partition coefficient
Butoxydiglycol	112-34-5	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	
Caprylyl/Capryl Glucoside	68515-73-1	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	< -0.07
Isopropanolamine	78-96-6	Not measured	-0.9

#### 12.4 Mobility in soil

##### Mobility

Chemical name	CAS No.	log Koc
Caprylyl/Capryl Glucoside	68515-73-1	50.12 (OECD 121)
Isopropanolamine	78-96-6	1.789 (QSAR SRC PCKOC v2.0)

#### 12.5 Results of PBT and vPvB assessment

##### PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Other adverse effects

##### Other adverse effects

No information available.

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Waste from Residues/Unused Products

Dispose of in accordance with local regulations.

##### Disposal Recommendations

The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible

recycling is preferred to disposal or incineration. Empty, uncleaned packaging need the same disposal considerations as filled packaging.  
 EWC Waste Disposal No 20 01 29\* - detergents containing dangerous substances  
 15 01 10\* - packaging containing residues of or contaminated by dangerous substances

**13.2 Additional information**

**Section 14: TRANSPORT INFORMATION**

**Note:** The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size

**IMDG**

**14.1 UN number** UN1903  
**14.2 UN proper shipping name** DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
**Description** UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Hexyloxyethanol, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride), 8, III  
**14.3 Transport hazard class(es)** 8  
**14.4 Packing group** III  
**14.5 Marine pollutant** Not regulated  
**EmS-No.** F-A, S-B  
**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code** No information available  
**IMDG Comment** The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size

**IATA**

**14.1 UN number** UN1903  
**14.2 UN proper shipping name** DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
**Description** UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Hexyloxyethanol, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride), 8, III  
**14.3 Transport hazard class(es)** 8  
**14.4 Packing group** III  
**14.5 Marine pollutant** Not regulated  
**Comments**

**ADR**

**14.1 UN number** UN1903  
**14.2 UN proper shipping name** DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
**Description** UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Hexyloxyethanol, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride), 8, III  
**14.3 Transport hazard class(es)** 8  
**14.4 Packing group** III  
**14.5 Marine pollutant** Not regulated  
**Classification code** C9  
**Labels** 8

**RID**

**14.1 UN number** UN1903  
**14.2 UN proper shipping name** DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
**Description** UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Hexyloxyethanol, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride), 8, III  
**14.3 Transport hazard class(es)** 8  
**14.4 Packing group** III  
**14.5 Marine pollutant** Not regulated  
**Classification code** C9  
**Labels** 8

**ADN**

**14.1 UN Number** UN1903



<b>14.2 UN proper shipping name</b>	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
<b>Description</b>	UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Hexyloxyethanol, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride), 8, III
<b>14.3 Transport hazard class(es)</b>	8
<b>14.4 Packing group</b>	III
<b>14.5 Marine pollutant</b>	Not regulated
<b>Classification code</b>	C9
<b>Hazard label(s)</b>	8
<b>Limited quantity (LQ)</b>	5 L
<b>Equipment Requirements</b>	PP, EP

## Section 15: REGULATORY INFORMATION

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

<5% Amphoteric surfactants, <5% Non-ionic surfactants Disinfectants Perfumes, Hexyl Cinnamal, Limonene, Linalool

#### EU Regulations

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended** Contains no REACH substances with Annex XVII restrictions.

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended** Contains no substance on the REACH candidate list.

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation** Contains no REACH Annex XIV substances.

**CESIO Recommendations** The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Other regulations, restrictions and prohibition regulations** Regulation (EC) No. 648/2004 (Detergents regulation). Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006). Biocidal Products Regulation (EU) No 528/2012 (BPR).

#### National regulatory information

No information available

### 15.2 Chemical Safety Assessment

**Chemical Safety Assessment** No chemical safety assessment has been carried out for this mixture per REACH regulation.

## Section 16: OTHER INFORMATION

### 16.1 Indication of changes

<b>Issuing Date:</b>	07-Feb-2019
<b>Revision date</b>	02-May-2019
<b>Revision Note</b>	Not applicable

### 16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ATE: Acute Toxicity Estimate  
DNEL: Derived No Effect Level  
IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code  
LC50: Lethal Concentration to 50% of a test population  
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)  
OEL: Occupational Exposure Limit  
PBT: Persistent, Bioaccumulative and Toxic substance  
PNEC(s): Predicted No Effect Concentration(s)  
REACH- Registration, Evaluation and Authorization of Chemicals  
vPvB: Very Persistent and Very Bioaccumulative

### 16.3 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

#### Skin corrosion/irritation

Category 1

#### Serious eye damage/eye irritation

Category 1

#### Physical Hazards

Corrosive to metals Category 1

### 16.4 Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed  
H311 - Toxic in contact with skin  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and its amendment Regulation (EU) 2015/830

### 16.5 Training Advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

### 16.6 Further information

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

**End of SDS**