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Revision Number 1

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

### 1.1. Product identifier

**Product Identifier** C-91643667-001\_PGP\_CLPR7\_EUR  
**Product Name** Flash Professional disinfecting multi-surface cleaner F2  
**Product Form** Mixture

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

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

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

<b>Supplier</b>	<b>Manufacturer</b>
Procter & Gamble UK Brooklands PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200	Farmol Berlingo Via Mazzini 5 25030 Berlingo BS Italy
P&G DCE bvba/sprl-Belgium Dist. Div., Temselaan 100, B-1853 Strombeek-Bever, Belgium (IE) 1800 535 119	Telephone: +39 030 997 3301

For further information, please contact

**E-mail address** customerservice@pgprof.com

### 1.4. Emergency telephone number

Emergency Telephone (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

(IRL) Poisons information: for information or to report a poisoning incident contact The National Poisons Information Centre 01 8092166 (8.00 a.m. to 10.00 p.m. 7 days a week)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P314 - Get medical advice/attention if you feel unwell

P260 - Do not breathe spray

P501 - Dispose of contents/container to an appropriate local waste system

EUH210 - Safety data sheet available on request

### 2.3. Other hazards

No information available.

**Endocrine Disruptor Information** There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical name	CAS No	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Propylene Glycol Butyl Ether	5131-66-8	1 - 5	01-21194755 27-28	225-878-4	Skin Irrit. 2(H315) Eye Irrit. 2(H319)	Skin Irrit. 2 :: 20%<=C<10 0% Eye Irrit. 2 :: 20%<=C<10 0%	-	-
Alcohol	64-17-5	1 - 5	01-21194576 10-43	200-578-6	Flam. Liq. 2(H225) Eye Irrit. 2(H319)	Eye Irrit. 2 :: 50%<=C<10 0%	-	-
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	<1	No data available	287-090-7	Acute Tox. 4 (Oral)(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	-	10	1
Benzalkonium Chloride	68391-01-5	<1	No data available	269-919-4	Acute Tox. 4 (Oral)(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	-	10	-

**Full text of H- and EUH-phrases: see section 16**

Acute Toxicity Estimate

No information available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59).

### 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 physician if symptoms occur).

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Get medical attention immediately if symptoms occur.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

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

Symptoms	Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion.
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**4.3. Indication of any immediate medical attention and special treatment needed**

Note to physicians	Treat symptomatically.
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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable Extinguishing Media	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

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

Specific hazards arising from the chemical	None in particular.
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**5.3. Advice for firefighters**

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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**SECTION 6: Accidental release measures**

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

Personal precautions	Ensure adequate ventilation.
For emergency responders	Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Environmental precautions	See Section 12 for additional Ecological Information.
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**6.3. Methods and material for containment and cleaning up**

Methods for containment	Scoop absorbed substance into closing containers.
Methods for cleaning up	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small quantities of liquid spill: 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.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

Reference to other sections	See section 8 for more information. See section 13 for more information.
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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Advice on safe handling	Use personal protection equipment. Do not eat, drink or smoke when using this product.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

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

Storage Conditions	Keep/store only in original container. Keep tightly closed in a dry and cool place.
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**7.3. Specific end use(s)**

Specific use(s)	
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Cleaning/washing agents and additives.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Alcohol	-	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL 2000 ppm STEL 3800 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1907 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Propylene Glycol Butyl Ether	-	TWA: 270 mg/m <sup>3</sup> Ceiling: 550 mg/m <sup>3</sup> *	-	-	-
Alcohol	-	TWA: 1000 mg/m <sup>3</sup> Ceiling: 3000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1000 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1300 ppm STEL: 2500 mg/m <sup>3</sup>
Chemical name	France	Germany	Germany DFG	Greece	Hungary
Alcohol	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 380 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 380 mg/m <sup>3</sup> Peak: 800 ppm Peak: 1520 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup> STEL: 3800 mg/m <sup>3</sup>
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Alcohol	STEL: 1000 ppm	-	STEL: 1000 ppm STEL: 1884 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1000 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1900 mg/m <sup>3</sup>
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Alcohol	-	-	TWA: 260 mg/m <sup>3</sup> STEL: 1900 mg/m <sup>3</sup> H*	TWA: 500 ppm TWA: 950 mg/m <sup>3</sup> STEL: 625 ppm STEL: 1187.5 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Alcohol	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> Ceiling: 1920 mg/m <sup>3</sup>	TWA: 960 mg/m <sup>3</sup> TWA: 500 ppm STEL: STEL ppm STEL: STEL mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1910 mg/m <sup>3</sup>
Chemical name	Sweden	Switzerland	United Kingdom	Israel - Occupational Exposure Limits - TWAs	Turkey
Alcohol	NGV: 500 ppm NGV: 1000 mg/m <sup>3</sup> Vägledande KGV: 1000 ppm Vägledande KGV: 1900 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup> STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup>	-	-

#### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL) Long term.

Chemical name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Propylene Glycol Butyl Ether	52 mg/kg bw/day	147 mg/m <sup>3</sup>	-	-

Alcohol	343 mg/kg bw/day	950 mg/m <sup>3</sup>	-	-
Aminomethyl Propanol	7.3 mg/kg bw/day	6.5 mg/m <sup>3</sup>	-	-

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Propylene Glycol Butyl Ether	12.5 mg/kg bw/day	43 mg/m <sup>3</sup>	22 mg/kg bw/day
Alcohol	87 mg/kg bw/day	114 mg/m <sup>3</sup>	206 mg/kg bw/day
Aminomethyl Propanol	0.46 mg/kg bw/day	1.6 mg/m <sup>3</sup>	37 mg/kg bw/day

### Predicted No Effect Concentration (PNEC)

Chemical name	Fresh Water	Marine water	Intermittent release
Propylene Glycol Butyl Ether	0.525 mg/L	0.052 mg/L	5.25 mg/L
Alcohol	0.96 mg/L	0.79 mg/L	2.75 mg/L
Aminomethyl Propanol	0.188 mg/L	0.019 mg/L	1.88 mg/L

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Propylene Glycol Butyl Ether	2.36 mg/kg sediment dw	0.236 mg/kg sediment dw	10 mg/L	0.16 mg/kg soil dw	-	-
Alcohol	3.6 mg/kg sediment dw	2.9 mg/kg sediment dw	580 mg/L	0.63 mg/kg soil dw	-	-
Aminomethyl Propanol	0.71 mg/kg sediment dw	0.071 mg/kg sediment dw	10 mg/L	0.03 mg/kg soil dw	-	-

## 8.2. Exposure controls

### Personal Protective Equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Hand protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	colorless
<b>Odor</b>	Pleasant (perfume)
<b>Odor threshold</b>	No information available

Property	Values	Remarks • Method
<b>Melting point / freezing point</b>	No data available	Not available. This property is not relevant for the

**Initial boiling point and boiling range** No data available

**Flammability**

**Flammability Limit in Air**

**Upper flammability or explosive limits** No data available

**Lower flammability or explosive limits** No data available

**Flash point** 60 - 65 °C

**Autoignition temperature** No data available

**Decomposition temperature** No Data Available

**pH** 10.75

**Dynamic viscosity** 1

**Water solubility** Soluble in water

**Solubility(ies)** No Data Available

**Partition coefficient** No Data Available

**Vapor pressure** No Data Available

**Relative density** 1 - 1.2

**Relative vapor density** No data available

**Particle characteristics**

**Particle Size** No information available

**Particle Size Distribution** No information available

safety and classification of this product  
Not available. This property is not relevant for the safety and classification of this product  
Not applicable. This property is not relevant for liquid product forms  
Not available. This property is not relevant for the safety and classification of this product

Closed cup Does not sustain combustion <=75°C  
Not available. This property is not relevant for the safety and classification of this product  
Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product  
Not available. This property is not relevant for the safety and classification of this product  
Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product  
Not available. This property is not relevant for the safety and classification of this product

**9.2. Other information**

9.2.1. Information with regard to physical hazard classes  
No information available

9.2.2. Other safety characteristics  
No information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity** No information available.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

**10.5. Incompatible materials**

**Incompatible materials** None known based on information supplied.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

##### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

#### Numerical measures of toxicity

##### Acute toxicity

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Butoxypropanol	2700 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Ethanol	10470 mg/kg bw (OECD 401)	-	116.9 - 133.8 mg/L air (OECD 403)
Quaternary ammonium compounds, C12-14-alkyl((ethylphenyl)methyl)dimethyl, chlorides	-	= 2300 mg/kg ( Rabbit )	-
C12-18 Alkyldimethylbenzyl Ammonium Chloride	>300-2000 mg/kg bw	= 2300 mg/kg ( Rabbit ) = 1420 mg/kg ( Rat )	-

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Propylene Glycol Butyl Ether	-	-	Y (OECD 405)	-	-	-	-	-
Alcohol	-	-	Y (OECD 405)	-	-	-	-	-
Aminomethyl Propanol	-	-	Y	-	-	-	-	-

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Propylene Glycol Butyl Ether	-	-	Y (OECD 404)	-	-	-
Aminomethyl Propanol	-	-	Y	-	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

**11.2.2. Other information**

**Other adverse effects** No information available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** Not considered to be harmful to aquatic life. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

**Unknown aquatic toxicity** Contains 0.05811 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Butoxypropanol	> 1000 mg/L (Pseudokirchneriella subcapitata; 96 h)	> 560 - < 1000 mg/L (OECD 203; Poecilia reticulata; 96 h)	> 1000 mg/L (OECD 209; activated sludge of a predominantly domestic sewage; 3 h)	> 1000 mg/L (OECD 202; Daphnia magna; 48 h)
Ethanol	275 mg/L (OECD 201; Chlorella vulgaris; 72 h)	15300 mg/L (US EPA Method E03-05; Pimephales promelas; 96 h)	> 1000 mg/L (OECD 209; 3 h)	5012 mg/L (ASTM E729-80; Ceriodaphnia dubia; 48 h)
C12-18 Alkyldimethylbenzyl Ammonium Chloride	-	LC50: 0.223 - 0.46mg/L (96h, Lepomis macrochirus)	-	0.016 mg/l



		LC50: 0.823 - 1.61mg/L (96h, Oncorhynchus mykiss) LC50: =1.3mg/L (96h, Poecilia reticulata) LC50: =2.4mg/L (96h, Oryzias latipes)		
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### Chronic Toxicity

Chemical name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Propylene Glycol Butyl Ether	560 mg/L (Pseudokirchneriella subcapitata; 4 d)	180 mg/L (OECD 203; Poecilia reticulata; 4 d)	560 mg/L (OECD 202; Daphnia magna; 2 d)	-	-

### 12.2. Persistence and degradability

#### Persistence and degradability

Chemical name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Butoxypropanol - 5131-66-8	90% DOC; OECD 301 E; 28 d	-	-	90% DOC; OECD 301 E; > 70% (10 d)
Ethanol - 64-17-5	84% O <sub>2</sub> ; 20 d	< 13148.72 d	17.2 d	83%; 3 d
2-amino-2-methylpropanol - 124-68-5	89.3% O <sub>2</sub> ; 28 d; 301 F; 10-day window criterion fulfilled	-	0.6 d (QSAR AOP v1.92)	98.1% DOC; OECD 301 F; > 60% (10 d)

### 12.3. Bioaccumulative potential

#### Bioaccumulation

Chemical name	Partition coefficient
Propylene Glycol Butyl Ether	1.2
Alcohol	-0.35

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Propylene Glycol Butyl Ether	1.2	-
Alcohol	-0.35 (OECD 107)	< 10
Aminomethyl Propanol	-0.63	< 1

### 12.4. Mobility in soil

**Mobility in soil** No information available.

Chemical name	log Koc
Alcohol	1.585

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** No information available.

Chemical name	PBT and vPvB assessment
Propylene Glycol Butyl Ether	The substance is not PBT / vPvB
Alcohol	The substance is not PBT / vPvB PBT assessment does not apply
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	The substance is not PBT / vPvB

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from residues/unused products</b>	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. For handling waste, see measures described in section 8. Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>Waste codes / waste designations according to EWC / AVV</b>	20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

### IATA

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	

### IMDG

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	No information available

### RID

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

### ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

### ADN

14.1 UN number or ID number	Not relevant
14.2	
14.3 Transport hazard class(es)	No information available
14.4 Packing group	Not relevant
14.5 Marine pollutant	Not regulated

## SECTION 15: Regulatory information

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

**National regulations**

**France**

**Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number	Title
Propylene Glycol Butyl Ether	RG 84	-
Alcohol	RG 84	-

**Germany**

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

**Netherlands**

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Alcohol	Present	-	Fertility Category 1A Development Category 1A Can be harmful via breastfeeding

**Poland**

Announcement of the Speaker of the Sejm of the Republic of Poland of 13 April 2018 regarding the publication of a uniform text of the Act - Labor Code (Journal of Laws 2018, item 917, as amended). Announcement of the Speaker of the Sejm of the Republic of Poland of March 15, 2019 regarding the publication of a uniform text of the Act on Waste (Journal of Laws 2019 item 701, as amended). Regulation of the Minister of Development of 7 July 2016, repealing the Regulation on specific requirements for certain products due to their negative environmental impact (Journal of Laws of 2016, item 1099, as amended). Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286 with subsequent amendments).

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorizations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) 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)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Propylene Glycol Butyl Ether	75.	-

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**EU - Biocides**

**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.

### 15.2. Chemical safety assessment

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

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Full text of H-Statements referred to under section 3**

H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

#### **Legend**

SVHC: Substances of Very High Concern for Authorization:

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

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

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

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**