P&G PROFESSIONAL 8.1- Disinfecting Multi-Surface Cleaner - also for glass

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 22/02/2017 Revision date: : Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : P&G PROFESSIONAL 8.1- Disinfecting Multi-Surface Cleaner - also for glass

Product code : PA00210205 / 91281983

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use

Function or use category : Washing and cleaning products (including solvent based products)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK

Tel: 01932 896000 Fax: 01932 896200

Professional: customerservice@pgprof.com

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P260 - Do not breathe spray
P501 - Dispose of contents/container to an approved waste disposal plant

EUH-statements : EUH210 - Safety data sheet available on request

2.3. Other hazards

Other hazards not contributing to the classification : No presence of PBT and vPvB ingredients.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propylene Glycol Butyl Ether	(CAS No) 5131-66-8 (EC No) 225-878-4	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Alcohol	(CAS No) 64-17-5 (EC No) 200-578-6 (EC Index No) 603-002-00-5 (REACH-no) 01-2119457610-43-0479	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. Discontinue use of product.

First-aid measures after 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/physician.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/effects after inhalation : Coughing. sneezing.

Symptoms/effects after skin contact : Redness. Swelling. dryness. Itching.

Symptoms/effects after eye contact : Pain. Redness. Swelling.

Symptoms/effects 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: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

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 reactions known.

5.3. Advice for firefighters

Firefighting instructions : No specific firefighting instructions required.

Protection during firefighting : In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.

6.1.2. For emergency responders

Protective equipment : Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

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.

Storage area : Store in a cool area. Store in a dry area.

7.3. Specific end use(s)

Refer to section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

Alcohol (64-17-5)		
United Kingdom	WEL TWA (mg/m³)	1920 mg/m³
United Kingdom	WEL TWA (ppm)	1000 ppm

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Alcohol (64-17-5)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	1900 mg/m³
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	950 mg/m³
Long-term - systemic effects,oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m³
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC aqua (intermittent, freshwater)	2.75 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.63 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	580 mg/l

Propylene Glycol Butyl Ether (5131-66-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	44 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	270.5 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	8.75 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	33.8 mg/m³
Long-term - systemic effects, dermal	16 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.525 mg/l
PNEC aqua (marine water)	0.0525 mg/l
PNEC aqua (intermittent, freshwater)	5.25 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	2.36 mg/kg dwt
PNEC sediment (marine water)	0.236 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.16 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

8.2. Exposure controls

8.2.1. Appropriate engineering controls : No additional information available

8.2.2. Personal protective equipment

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.

Eye protection	:	Wear eye/face protection.
Skin and body protection	:	Not applicable.
Respiratory protection	:	Not applicable.
Thermal hazard protection	:	Not applicable.

8.2.3. Environmental exposure controls

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	Unit	Test method/Notes
Appearance	Liquid.		
Physical state	Liquid		
Colour	No data available		
Odour	pleasant (perfume).		
Odour threshold		ppm	Perceived odor at typical use conditions
pH	10.75		
Melting point		°C	Not available. This property is not relevant for the safety and classification of this product
Freezing point			Not available. This property is not relevant for the safety and classification of this product
Boiling point	100 - 105	°C	TMR. A.2.
Flash point	62	°C	
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)			Not applicable. This property is not relevant for liquid product forms
Explosive limits		g/m³	Not available. This property is not relevant for the safety and classification of this product
Vapour pressure			Not available. This property is not relevant for the safety and classification of this product
Relative density			TMR.A.3
Solubility	Soluble in water. TMR. A.6.		
Log Pow			Not applicable. This property is not relevant for mixtures
Auto-ignition temperature			Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature		°C	Not available. This property is not relevant for the safety and classification of this product
Viscosity	1	cP	
Explosive properties	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).		
Oxidising properties	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

No additional 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

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Not required for normal conditions of use.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixture

Flash Professional Antibacterial Multisurface Cleaner Spray	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Not classified (*)
Serious eye damage/irritation	Not classified (*)
Respiratory or skin sensitisation	Not classified (*)
Germ cell mutagenicity	Not classified (*)
Carcinogenicity	Not classified (*)
Reproductive toxicity	Not classified (*)
Specific target organ toxicity (single exposure)	Not classified (*)
Specific target organ toxicity (repeated exposure)	Not classified (*)
Aspiration hazard	Not classified (*)

(*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.

11.1.2. Substances in the mixture

Acute toxicity:

Alcohol (64-17-5)	
LD50 oral rat	10470 mg/kg bw (OECD 401)

Propylene Glycol Butyl Ether (5131-66-8)	
LD50 oral rat	3300 mg/kg bw (OECD 401)
LD50 dermal rat	> 2000 mg/kg bw (OECD 402)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : 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.

Alcohol (64-17-5)	
LC50 fishes 1	14200 mg/l US EPA E03-05; Pimephales promelas; 96 h
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209; 3 h
EC50 Daphnia 1	5012 mg/l ASTM E729-80; Ceriodaphnia dubia; 48 h
ErC50 (algae)	275 mg/l //OECD 201; Chlorella vulgaris; 72 h
NOEC chronic fish	7900 mg/l Oryzias latipes; 8.33 d
NOEC chronic crustacea	9.6 mg/l Ceriodaphnia dubia; 10 d
NOEC chronic algae	11.5 mg/l //OECD 201; Chlorella vulgaris; 3 d

Propylene Glycol Butyl Ether (5131-66-8)	
LC50 fishes 1	> 560 mg/l OECD 203; Poecilia reticulata; 96 h
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209; 3 h
EC50 Daphnia 1	> 1000 mg/l OECD 202; Daphnia magna; 48 h

Propylene Glycol Butyl Ether (5131-66-8)	
ErC50 (algae)	> 1000 mg/l Pseudokirchneriella subcapitata; 96 h
NOEC chronic algae	560 mg/l Pseudokirchneriella subcapitata; 4 d

12.2. Persistence and degradability

Alcohol (64-17-5)	
Persistence and degradability	Biodegradable.
Biodegradation	84 % O2; 20 d

Propylene Glycol Butyl Ether (5131-66-8)	
Persistence and degradability	Biodegradable.
Biodegradation	90 % DOC; OECD 301 E; > 70% (10 d)

12.3. Bioaccumulative potential

Alcohol (64-17-5)	
Log Pow	0.35
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

Propylene Glycol Butyl Ether (5131-66-8)	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

Alcohol (64-17-5)	
Mobility in soil	1 QSAR PCKOCWIN v1.66

12.5. Results of PBT and vPvB assessment

Flash Professional Antibacterial Multisurface Cleaner Spray	
Results of PBT assessment	No presence of PBT and vPvB ingredients

Component	
Alcohol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Propylene Glycol Butyl Ether (5131-66-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.

13.1.2 Disposal recommendations : The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The 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. . For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

13.1.3 EURAL Waste code product : 20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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

Not applicable

SECTION 15: Regulatory information

Ingredient label : Perfumes, Disinfectants.

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

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 information, restriction and prohibition regulations : Classification according to Regulation (EC) No. 1272/2008 [CLP]. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

16.1. Indication of changes

Indication of changes : Not applicable

16.2. Abbreviations and acronyms

LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. DNEL: Derived-No Effect Level. OEL: Occupational Exposure Limit. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ATE: Acute Toxicity Estimate.

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

No additional information available

16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H319	Causes serious eye irritation.
EUH210	Safety data sheet available on request

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

SDS P&G CLP

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