

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

**1.1. Product identifier**

Product form : Mixture  
Trade name : P&G PROFESSIONAL C3 (dilute) Disinfecting Bathroom cleaner  
Product code : PA00199592  
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), Biocidal products (e.g. Disinfectants, pest control)

**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]**

Eye Irrit. 2 H319

Full text of H-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements**

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

Hazard pictograms (CLP) :



Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P101 - If medical advice is needed, have product container or label at hand  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P260 - Do not breathe spray  
Do not mix with other products

**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

# P&G Professional C3 (Dilute) Disinfecting Bathroom Cleaner

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C9-11 Pareth-8	(CAS No) 68439-46-3 (EC no) Polymer	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Didecyldimonium Chloride	(CAS No) 7173-51-5 (EC no) 230-525-2 (REACH-no) 01-2119945987-15	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411
Benzalkonium Chloride	(CAS No) 68391-01-5 (EC no) 269-919-4	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10)

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 occurs: Get immediate medical advice/attention.
- 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: 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 : Pain. Redness. Swelling.
- Symptoms/injuries after ingestion : Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea.

### 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.

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according to Regulation (EC) No. 1907/2006 (REACH)

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Avoid contact with skin. 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

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)

Cleaning/washing agents and additives.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. National limit values

No additional information available

##### 8.1.2. Monitoring procedures: DNELS, PNECS, OEL

<b>Didcyldimonium Chloride (7173-51-5)</b>	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	8.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	18.2 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	0.002 mg/l
PNEC aqua (marine water)	0.0002 mg/l
PNEC aqua (intermittent, freshwater)	0.00029 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	2.82 mg/kg dwt
PNEC sediment (marine water)	0.28 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.4 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.595 mg/l

#### 8.2. Exposure controls

8.2.1. Appropriate engineering controls : No additional information available

8.2.2. Personal protective equipment  
Not required for normal conditions of use.

Hand protection : Wear suitable gloves.  
Eye protection : Wear eye/face protection.  
Skin and body protection : Not applicable.  
Respiratory 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	Clear.		
Odour	pleasant (perfume).		
Odour threshold		ppm	Perceived odor at typical use conditions

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Property	Value	Unit	Test method/Notes
pH	2.34		
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 - 108	°C	
Flash point			No flash point till boiling - TMR. A.9.
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/m <sup>3</sup>	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	1.007		
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	< 5	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

Acute toxicity : Not classified

### P&G PROFESSIONAL FLASH Disinfecting Bathroom

LD50 oral calculated > 2000 mg/kg

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<b>Didcyldimonium Chloride (7173-51-5)</b>	
LD50 oral rat	329 mg/kg v
ATE CLP (oral)	329 mg/kg bodyweight

<b>C9-11 Pareth-8 (68439-46-3)</b>	
ATE CLP (oral)	500 mg/kg bodyweight

<b>Benzalkonium Chloride (68391-01-5)</b>	
ATE CLP (oral)	500.00000 mg/kg

Skin corrosion/irritation	: Not classified pH: 2.34
Serious eye damage/irritation	: Causes serious eye irritation. pH: 2.34
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
Potential Adverse human health effects and symptoms	: Irritation: moderately irritating to eyes. Acute Toxicity: based upon available data of the substances, classification criteria are not met. Carcinogenicity: based upon available data of the substances, classification criteria are not met. Corrosivity: based upon available data of the substances, classification criteria are not met. Mutagenicity: based upon available data of the substances, classification criteria are not met. Irritation: moderately irritating to skin. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Sensitization: based upon available data of the substances, classification criteria are not met. Toxicity for Reproduction: based upon available data of the substances, classification criteria are not met.
Other information	: Likely routes of exposure: skin and eye. Information on Effects: refer to section 4.

## 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.
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<b>Didcyldimonium Chloride (7173-51-5)</b>	
LC50 fishes 1	0.49 mg/l OECD 203; Danio rerio; 96 h
LC50 other aquatic organisms 1	17.9 mg/l OECD 209; 3 h
EC50 Daphnia 1	0.029 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	0.062 mg/l OECD 201; Pseudokirchneriella subcapitata; 72 h
NOEC (chronic)	4 mg/l OECD 209; 3 h
NOEC chronic crustacea	0.021 mg/l OECD 211; Daphnia magna; 21 d
NOEC chronic algae	0.013 mg/l OECD 201; Pseudokirchneriella subcapitata; 3 d

<b>Benzalkonium Chloride (68391-01-5)</b>	
EC50 Daphnia 1	= 0.016 mg/l

### 12.2. Persistence and degradability

<b>Didcyldimonium Chloride (7173-51-5)</b>	
Persistence and degradability	Biodegradable.
Biodegradation	67 % CO <sub>2</sub> ; OECD 301 B; 60% (10 d)

### 12.3. Bioaccumulative potential

<b>Didcyldimonium Chloride (7173-51-5)</b>	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

### 12.4. Mobility in soil

<b>Didcyldimonium Chloride (7173-51-5)</b>	
Mobility in soil	24433 OECD 106

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### 12.5. Results of PBT and vPvB assessment

#### P&G PROFESSIONAL FLASH Disinfecting Bathroom

Results of PBT assessment : No presence of PBT and vPvB ingredients

#### Component

Didecyldimonium Chloride (7173-51-5)	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
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### 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. EURL 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 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

Ingredient label : <5% Non-ionic surfactants; 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. Biocide Directive (98/8/EC). Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

#### 16.1. Indication of changes

Indication of changes : Not applicable

#### 16.2. Abbreviations and acronyms

No additional information available

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Eye Irrit. 2	Expert judgment Weight of evidence

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

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
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

#### 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*