

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

1.1. Product identifier

Product form : Mixture
Trade name : P&G professional Flash C5 Concentrated disinfecting cleaner
Product code : PA00210522 / 91445427
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
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]

Met. Corr. 1 H290
Skin Corr. 1A H314
Eye Dam. 1 H318
STOT SE 3 H335
Aquatic Acute 1 H400
Aquatic Chronic 3 H412

Full text of hazard classes and 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) :

Danger

Hazard statements (CLP) :

H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand
P260 - Do not breathe vapours
P280 - Wear protective gloves, eye protection
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a doctor, a POISON CENTER if you feel unwell
P501 - Dispose of contents/container to an appropriate local waste system

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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]
Ethanolamine	(CAS No) 141-43-5 (EC No) 205-483-3 (REACH-no) 01-2119486455-28	5 - 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Chronic 3, H412
Didecyldimonium Chloride	(CAS No) 7173-51-5 (EC No) 230-525-2 (REACH-no) 01-2119945987-15	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	(CAS No) 85409-23-0 (EC No) 287-090-7 (EC Index No) 287-090-7	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Benzalkonium Chloride	(CAS No) 68391-01-5 (EC No) 269-919-4	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10)
C12-14 Pareth-7	(CAS No) 68439-50-9 (EC No) polymer	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
C9-11 Pareth-8	(CAS No) 68439-46-3 (EC No) Polymer	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Glycol	(CAS No) 107-21-1 (EC No) 203-473-3 (EC Index No) 603-027-00-1	1 - 5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373

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 Water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. 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. Drink small amount of water to dilute. 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 : Severe pain. Redness. Swelling. Blurred vision.

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 : May cause or intensify fire; oxidizer. Contact with combustible material may cause fire.

5.3. Advice for firefighters

Firefighting instructions : No specific firefighting instructions required.

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

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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. Small quantities of solid spill: wash down with water.

Other information : Avoid contact with skin, eyes and clothing.

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. Use personal protective equipment as required. Avoid contact with eyes. 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.

Information on mixed storage : Not applicable.

Storage area : Store in a cool and well-ventilated place. Store in a dry area. Store away from heat. Keep away from ignition sources.

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

Ethanalamine (141-43-5)		
United Kingdom	WEL TWA (mg/m ³)	2.5 mg/m ³
United Kingdom	WEL TWA (ppm)	1 ppm
United Kingdom	WEL STEL (mg/m ³)	7.6 mg/m ³
United Kingdom	WEL STEL (ppm)	3 ppm
Glycol (107-21-1)		
EU	IOELV TWA (mg/m ³)	52 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	104 mg/m ³
EU	IOELV STEL (ppm)	40 ppm

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Ethanalamine (141-43-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	1 mg/kg bodyweight/day
Long-term - local effects, inhalation	3.3 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	3.75 mg/kg bodyweight/day
Long-term - systemic effects, dermal	0.24 mg/kg bodyweight/day
Long-term - local effects, inhalation	2 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.085 mg/l

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Ethanolamine (141-43-5)	
PNEC aqua (marine water)	0.0085 mg/l
PNEC aqua (intermittent, freshwater)	0.028 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.434 mg/kg dwt
PNEC sediment (marine water)	0.043 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.037 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l
Glycol (107-21-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	106 mg/kg bodyweight/day
Long-term - local effects, inhalation	35 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, dermal	53 mg/kg bodyweight/day
Long-term - local effects, inhalation	7 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	10 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	10 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	37 mg/kg dwt
PNEC sediment (marine water)	3.7 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.53 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	199.5 mg/l
Didcyldimonium Chloride (7173-51-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	8.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	18.2 mg/m ³
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

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.

Hand protection : Wear protective gloves.
Eye protection : Wear eye/face protection.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : Not applicable.
Thermal hazard protection : Not applicable.

8.2.3. Environmental exposure controls

Prevent that the undiluted product reaches surface waters.

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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	Coloured.		
Odour	odourless.		
Odour threshold		ppm	Perceived odor at typical use conditions
pH	11.25		
Melting point		°C	No data available.
Freezing point			Not available. This property is not relevant for the safety and classification of this product
Boiling point	No data available		
Flash point	98-100°C		No flash point to boiling (NFTB)
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	No data available		
Explosive limits		g/m ³	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	No data available		
Solubility	Soluble in water.		
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature		°C	Not available. This property is not relevant for the safety and classification of this product
Viscosity	No data available		
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	May intensify fire; oxidiser.		

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

May cause or intensify fire; oxidizer. Contact with combustible material may cause fire.

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

combustible materials.

10.6. Hazardous decomposition products

None under normal use.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixture

P&G professional disinfecting cleaner	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified (*)
Germ cell mutagenicity	Not classified (*)
Carcinogenicity	Not classified (*)
Reproductive toxicity	Not classified (*)
Specific target organ toxicity (single exposure)	May cause respiratory irritation.
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:

Ethanolamine (141-43-5)	
LD50 oral rat	1089 mg/kg bw (//OECD 401)
Benzalkonium Chloride (68391-01-5)	
LD50 oral rat	>300-2000 mg/kg bw
C12-14 Pareth-7 (68439-50-9)	
LD50 oral rat	> 300-2000 mg/kg bw
LD50 dermal rat	> 5000 mg/kg
C9-11 Pareth-8 (68439-46-3)	
LD50 oral rat	>300-2000 mg/kg bw
Glycol (107-21-1)	
LD50 oral rat	> 300 - < 200 mg/kg bw
LD50 dermal rat	> 3500 mg/kg bw
Didecyldimonium Chloride (7173-51-5)	
LD50 oral rat	329 mg/kg bw (OECD 401)

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.

Ethanolamine (141-43-5)	
LC50 fishes 1	349 mg/l EC 440/2008 C.1; Cyprinus carpio; 96 h
EC50 Daphnia 1	65 mg/l EC 440/2008 C.2; Daphnia magna; 48 h
ErC50 (algae)	2.8 mg/l OECD 201; Pseudokirchneriella subcapitata; 72 h
NOEC (chronic)	> 1000 mg/l OECD 209; 0.02083 d
NOEC chronic fish	1.24 mg/l OECD 210; Oryzias latipes; 41 d
NOEC chronic crustacea	0.85 mg/l OECD 202; Daphnia magna; 21 d
NOEC chronic algae	1 mg/l OECD 201; Pseudokirchneriella subcapitata; 3 d
Benzalkonium Chloride (68391-01-5)	
EC50 Daphnia 1	= 0.016 mg/l
C12-14 Pareth-7 (68439-50-9)	
LC50 fishes 1	10 mg/l > 1 - 10 mg/L (OECD 203; Cyprinus carpio)
EC50 Daphnia 1	10 mg/l > 1 - 10 mg/L (OECD 202; Daphnia magna)
ErC50 (algae)	10 mg/l > 1 - 10 mg/L (OECD 201; Desmodemus subspicatus)
Glycol (107-21-1)	
LC50 fishes 1	72860 mg/l US EPA 600/4-90/027; Pimephales promelas; 96 h
EC50 Daphnia 1	> 100 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	6500 mg/l US EPA 600/9-78-018; Pseudokirchneriella subcapitata; 96 h
NOEC (chronic)	> 1995 mg/l ISO 8192; 0.5 h

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Glycol (107-21-1)	
NOEC chronic fish	15380 mg/l US EPA 600/4-89/001; Pimephales promelas; 7 d
NOEC chronic crustacea	8590 mg/l US EPA 600/4-90/027; Ceriodaphnia dubia; 7 d
NOEC chronic algae	> 100 mg/l OECD 201; Pseudokirchneriella subcapitata; 3 d
Didecyldimonium Chloride (7173-51-5)	
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

12.2. Persistence and degradability

Ethanolamine (141-43-5)	
Persistence and degradability	Biodegradable.
Biodegradation	> 90 % DOC; OECD 301 A; 21 d
C12-14 Pareth-7 (68439-50-9)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	> 70 %
Glycol (107-21-1)	
Persistence and degradability	Biodegradable.
Biodegradation	100 % DOC; OECD 301 A; 100% (10 d)
Didecyldimonium Chloride (7173-51-5)	
Persistence and degradability	Biodegradable.
Biodegradation	71 % CO ₂ ; OECD 301 B; 60% (10 d)

12.3. Bioaccumulative potential

Ethanolamine (141-43-5)	
Log Pow	-2.3
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
Glycol (107-21-1)	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
Didecyldimonium Chloride (7173-51-5)	
Log Pow	-4.1
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

Ethanolamine (141-43-5)	
Mobility in soil	15 EPISUITE v4.1
Glycol (107-21-1)	
Mobility in soil	1.66 QSAR SRC PCKOCWIN v1.66
Didecyldimonium Chloride (7173-51-5)	
Mobility in soil	24433 OECD 106

12.5. Results of PBT and vPvB assessment

P&G professional disinfecting cleaner	
Results of PBT assessment	No presence of PBT and vPvB ingredients
Component	
Ethanolamine (141-43-5)	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
Glycol (107-21-1)	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
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

12.6. Other adverse effects

No additional information available

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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

- UN-No : 1903
UN-No. (ICAO) : 1903

14.2. UN proper shipping name

- Proper Shipping Name : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Transport document description (ADR) : UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (), 8, III, (E), ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

- Class (UN) : 8
Class (ICAO) : 8 - Corrosive substances
Danger labels (UN) : 8



14.4. Packing group

- Packing group (UN) : III

14.5. Environmental hazards

- Dangerous for the environment :

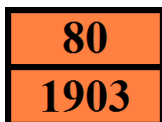


- Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

- Transport regulations (RID) : Subject to the provisions
State during transport (ADR-RID) : as liquid
Hazard identification number (Kemler No.) : 80
Classification code (UN) : C9
Orange plates :



- Special provisions (ADR) : 274
Transport category (ADR) : 3
Tunnel restriction code : E
Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E1
EAC code : 2X

14.6.2. Transport by sea

- Transport regulations (IMDG) : Subject to the provisions
Transport hazard class(es) (IMDG) : 8

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EmS-No. (1) : F-A
EmS-No. (2) : S-B

14.6.3. Air transport

Transport regulations (IATA) : Subject to the provisions

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

IBC product name : marine pollutant

SECTION 15: Regulatory information

Ingredient label : <5% Cationic surfactants, Non-ionic surfactants; 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. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ATE: Acute Toxicity Estimate. DNEL: Derived-No Effect Level. OEL: Occupational Exposure Limit. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

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
Skin Corr. 1A	Calculation method
Eye Dam. 1	Calculation method
STOT SE 3	Calculation method
Aquatic Acute 1	Calculation method
Aquatic Chronic 3	Calculation method

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

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful 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