

Safety Data Sheet according to Regulation (EC) No. 453/2010

Date of issue: 26/11/2014 Revision date:

Version: 1.0

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Date	
SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Trade name	: P&G PROFESSIONAL DEEPIO Original
Product code	: PA00182329
Product group	: Trade product
1.2. Relevant identified uses of the s	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 sat	
Procter & Gamble UK Brooklands, Weybridg	je, Surrey, KT13 0XP, UK
Tel: 01932 896000 Fax: 01932 896200	
Retail /Professional: customerservice@pgpr	of com
1.4. Emergency telephone number	
Emergency number	: (UK) Emergency Tel: 0800 328 8304(IRL) Emergency Tel: 1800 509 497
SECTION 2: Hazards identificatio	n
2.1. Classification of the substance	or mixture
Classification according to Regulation (E	C) No. 1272/2008 [CLP]
Eye Irrit. 2 H319	
Full text of H-phrases: see section 16	
Classification according to Directive 67/5	48/EEC [DSD] or 1999/45/EC [DPD]
Xi; R36	
Full text of R-phrases: see section 16	
Adverse physicochemical, human health	and environmental effects
No additional information available	
2.2. Label elements	
	- 4070/0000 [0] D1
Labelling according to Regulation (EC) N	6. 12/2/2008 [CLP]
Hazard pictograms (CLP)	
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Signal word (CLP)	: Warning
Hazard statements (CLP)	: H319 - Causes serious eye irritation
Precautionary statements (CLP)	 P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children
	P301+P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention
2.3. Other hazards	
Other hazards not contributing to the	: No presence of PBT and vPvB ingredients.
classification	
SECTION 3: Composition/informa	ation on ingredients
3.1. Substance	
Not applicable	

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Nama	Dreduct identifier	%	Classification according to	Classification according to
Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	20 - 30	Xi; R36	Eye Irrit. 2, H319
Sodium C10-13 Alkyl Benzenesulfonate	(CAS No) 68411-30-3 (EC no) 270-115-0 (REACH-no) 01-2119489428-22	10 - 20	Xn; R22 Xi; R41 Xi; R38	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium Silicate	(CAS No) 1344-09-8 (EC no) 215-687-4 (REACH-no) 01-2119448725-31	5 - 10	Xi; R41 Xi; R37/38	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Sodium Carbonate Peroxide	(CAS No) 15630-89-4 (EC no) 239-707-6 (REACH-no) 01-2119457268-30	1 - 5	O; R8 Xn; R22 Xi; R41	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
C14-15 Pareth-n	(CAS No) 68951-67-7 (EC no) Polymer	< 1	Xn; R22 Xi; R41 N; R50	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measure	S
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/doctor/physician if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get immediate 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 presen 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/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. Diarrhoea.
4.3. Indication of any immediate me	dical attention and special treatment needed
Refer to section 4.1.	
SECTION 5: Firefighting measure	es a la companya de l
5.1. Extinguishing media	
Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
5.2. Special hazards arising from the	e 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 C. Assidented releases	
SECTION 6: Accidental release n	
6.1. Personal precautions, protectiv	e 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	
o.i.z. For emergency responders	

	ve equipment	: Wear suitable gloves and eye/face protection.
6.2.	Environmental precautions	
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Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

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6.3. Methods and material for contain	nment and cleaning up
For containment	: Scoop solid spill into closing containers.
Methods for cleaning up	: Small quantities of solid spill: wash down with water. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation.
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	 Avoid contact with eyes. Use personal protective equipment as required. Avoid raising dust. 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, incl	uding any incompatibilities
Storage conditions	: Store in original container. Refer to section 10.
Incompatible products	: Refer to section 10.
Incompatible materials	: Not applicable.
Prohibitions on mixed storage	: Not applicable.
Storage area	: Store in a cool area. Store in a dry area. Store away from heat.
7.3. Specific end use(s)	
Cleaning/washing agents and additives.	
SECTION 8: Exposure controls/pe	presental protection
SECTION 0. Exposure controls/pe	

8.1. **Control parameters**

8.1.1. **National limit values**

No additional information available

Monitoring procedures: DNELS, PNECS, OEL 8.1.2.

Sodium Silicate (1344-09-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	1.59 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.61 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.38 mg/m ³
Long-term - systemic effects, dermal	0.8 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	7.5 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	7.5 mg/l
PNEC (STP)	
PNEC sewage treatment plant	348 mg/l
Sodium Carbonate (497-19-8)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	10 mg/m ³
DNEL/DMEL (General population)	*
Acute - local effects, inhalation	10 mg/m ³
Sodium C10-13 Alkyl Benzenesulfonate (684	11-30-3)
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	170 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	12 mg/m ³
Long-term - local effects, inhalation	12 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.85 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3 mg/m ³
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Long-term - systemic effects, dermal

85 mg/kg bodyweight/day

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Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)		
Long-term - local effects, inhalation	3 mg/m ³	
PNEC (Water)		
PNEC aqua (freshwater)	0.268 mg/l	
PNEC aqua (marine water)	0.0268 mg/l	
PNEC aqua (intermittent, freshwater)	0.0167 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	8.1 mg/kg dwt	
PNEC sediment (marine water)	8.1 mg/kg dwt	
PNEC (Soil)		
PNEC soil	35 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	3.43 mg/l	
Sodium Carbonate Peroxide (15630-89-4	4)	
DNEL/DMEL (Workers)		
Acute - local effects, dermal	12.8 mg/cm ²	
Long-term - local effects, inhalation	5 mg/m ³	
DNEL/DMEL (General population)		
Acute - local effects, dermal	6.4 mg/cm ²	
PNEC (Water)		
PNEC aqua (freshwater)	0.035 mg/l	
PNEC (STP)		
PNEC sewage treatment plant	16.24 mg/l	

8.2. **Exposure controls**

8.2.1. Appropriate engineering controls Not applicable.

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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 Not applicable. : :

Eye protection

- Wear eye/face protection. Not applicable.
- Skin and body protection : Respiratory protection Not applicable. :

8.2.3. Environmental exposure controls

Not available

SECTION 9: Physical and chem	ical properties

Information on basic physical and chemical properties 9.1.

Property	Value	Unit	Test method/Notes
Appearance	Solid.		
Physical state	Solid		
Colour	White with coloured speckles.		
Odour	pleasant (perfume).		
Odour threshold	No data available		
рН	11.16		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	No data available		
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	No data available		
Explosive limits	No data available		
Vapour pressure	No data available		

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Property	Value	Unit	Test method/Notes
Relative density	No data available		
Solubility	Soluble in water.		I
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	No data available		
Explosive properties	No additional information available	e	
Oxidising properties	No additional information available	Э	
9.2. Other information	<u> </u>		
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			
10.6. Hazardous decomposition products None under normal use. SECTION 11: Toxicological information	on		
None under normal use.	on		

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LD50 oral calculated	> 2000 mg/kg	
Sodium Silicate (1344-09-8)		
LD50 oral rat	3400 mg/kg OECD 401	
LD50 dermal rat	5000 mg/kg	
LC50 inhalation rat (mg/l)	5.01 mg/l	
ATE CLP (oral)	3400 mg/kg bodyweight	
ATE CLP (dermal)	5000 mg/kg bodyweight	
ATE CLP (vapours)	5.010 mg/l/4h	
ATE CLP (dust,mist)	5.010 mg/l/4h	
Sodium Carbonate (497-19-8)		
LD50 oral rat	2800 mg/kg	
LD50 dermal rabbit	2001 mg/kg	
ATE CLP (oral)	2800 mg/kg bodyweight	
ATE CLP (dermal)	2001 mg/kg bodyweight	
Sodium C10-13 Alkyl Benzenesulfona	ate (68411-30-3)	
LD50 oral rat	1080 mg/kg OECD 401	
LD50 dermal rat	2001 mg/kg OECD 402	
ATE CLP (oral)	1080 mg/kg bodyweight	
ATE CLP (dermal)	2001 mg/kg bodyweight	
Sodium Carbonate Peroxide (15630-8	9-4)	
LD50 oral rat	893 mg/kg	
LD50 dermal rabbit	2001 mg/kg	
ATE CLP (oral)	893 mg/kg bodyweight	
ATE CLP (dermal)	2001 mg/kg bodyweight	

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C14-15 Pareth-n (68951-67-7)	
LD50 oral rat	> 300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
	pH: 11.16
Serious eye damage/irritation	: Causes serious eye irritation.
	pH: 11.16
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Sodium C10-13 Alkyl Benzenesulfonate (684	11-30-3)
NOAEL (chronic, oral, animal/male, 2 years)	350 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	350 mg/kg bodyweight
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	: 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. Irritation: severly irritant to eyes. Mutagenicity: based upon available data of the substances, classification criteria are not met. 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.

Sodium Silicate (1344-09-8)	
LC50 fishes 1	1108 mg/l OECD 203, Brachydanio rerio,
EC50 Daphnia 1	1700 mg/l Daphnia magna
EC50 other aquatic organisms 1	> 348 mg/l Pseudomonas putida
ErC50 (algae)	207 mg/l Scenedesmus subspicatus
Sodium Carbonate (497-19-8)	
LC50 fishes 1	300 mg/l
EC50 Daphnia 1	200 mg/l
Sodium C10-13 Alkyl Benzenesulfonate (6841	1-30-3)
LC50 fishes 1	1.67 mg/l Lepomis macrochirus
EC50 Daphnia 1	2.9 mg/l OECD 202; Daphnia magna
ErC50 (algae)	127.9 mg/l Desmodesmus subspicatus
NOEC chronic fish	0.23 mg/l Oncorhynchus mykiss
NOEC chronic crustacea	1.18 mg/l Daphnia magna
NOEC chronic algae	2.4 mg/l Desmodesmus subspicatus
Sodium Carbonate Peroxide (15630-89-4)	
LC50 fishes 1	70.7 mg/l
EC50 Daphnia 1	4.9 mg/l
NOEC chronic crustacea	2 mg/l
C14-15 Pareth-n (68951-67-7)	
LC50 fishes 1	< 1 mg/l
LC50 other aquatic organisms 1	> 100 mg/l
EC50 Daphnia 1	< 1 mg/l
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C14-15 Pareth-n (68951-67-7)		
ErC50 (algae)	< 1 mg/l	
12.2. Persistence and degradability		
Sodium C10-13 Alkyl Benzenesulfonate (6841	1-30-3)	
BOD (% of ThOD)	85 % ThOD OECD 301 B	
C14-15 Pareth-n (68951-67-7)		
Persistence and degradability	The substance is biodegradable. Unlikely to persist.	
12.3. Bioaccumulative potential		
Sodium Silicate (1344-09-8)		
Bioaccumulative potential	Not measured.	
Sodium C10-13 Alkyl Benzenesulfonate (6841	1-30-3)	
BCF fish 1	2 - 1000 l/kg	
Bioconcentration factor (BCF REACH)	1000	
Log Pow	3.32	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).	
C14-15 Pareth-n (68951-67-7)		
Bioaccumulative potential	Not measured.	
12.4. Mobility in soil		
Sodium C10-13 Alkyl Benzenesulfonate (6841	1-30-3)	
Log Koc	3.5	
12.5. Results of PBT and vPvB assessment	t	
P&G PROFESSIONAL DEEPIO Original		
Results of PBT assessment No presence of PBT and vPvB ingredients		
Component		
Tetrasodium Etidronate (3794-83-0)	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	
Sodium Silicate (1344-09-8)	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	
Dodecylbenzene Sulfonic Acid (85536-14-7)	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	
Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)	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	
Sodium Carbonate Peroxide (15630-89-4)	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	
Zeolite (1318-02-1)	PBT: not relevant – no registration required vPvB: not relevant – no registration required	
Sulfuric Acid (7664-93-9)	PBT: not relevant – no registration required vPvB: not relevant – no registration required	

12.6. Other adverse effects

Other information

: No other effects known.

SECTI	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 			

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according to	o Regulation (EC) No. 453/2010		
SECTI	ON 14: Transport information		
14.1.	UN number		
Not appl	icable		
14.2.	UN proper shipping name		
Not appl			
14.3.	Transport hazard class(es)		
Not appl			
14.4. Not appl	Packing group		
14.5.	Environmental hazards		
Not appl			
14.6.	Special precautions for user		
Not appl			
14.7.	Transport in bulk according to Annex	II of MARPOL 73/78	and the IBC Code
Not appl	icable		
SECTI	ON 15: Regulatory information		
Ingredie		5-15% Anionic surfa	actants; <5% Non-ionic surfactants, Oxygen-based bleaching agents,
Ingreate			carboxylates, Zeolites; Enzymes, Optical brighteners, Perfumes.
15.1.	Safety, health and environmental regu	lations/legislation s	necific for the substance or mixture
15.1.1.	EU-Regulations	indionanogioidation of	
	•		
	CH Annex XVII restrictions		
	s no substance on the REACH candidate li ecommendations		ntained in this preparation complies(comply) with the biodegradability criteria
02010 .		as laid down in Reg	ulation (EC) No.648/2004 on detergents. Data to support this assertion are
			of the competent authorities of the Member States and will be made t their direct request or at the request of a detergent manufacturer.
		available to them, at	
15.1.2.	National regulations		
No addit	ional information available		
15.2.	Chemical safety assessment		
No chem	nical safety assessment has been carried o	out	
SECTI	ON 16: Other information		
16.1.	Indication of changes		
Indicatio	n of changes	Not applicable	
16.2.	Abbreviations and acronyms		
	ional information available		
		the standard from the set	
16.3.	•		tion for mixtures according to Regulation (EC) 1272/2008 [CLP]
Eye Irr	fication according to Regulation (EC) N		classification procedure On basis of test data
16.4.	Relevant R-phrases and/or H-stateme Fox. 4 (Oral)		
		Acute toxicity (oral),	Cotogony

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H272	May intensify fire; oxidiser
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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H400	Very toxic to aquatic life	
H412	Harmful to aquatic life with long lasting effects	
R22	Harmful if swallowed	
R36	Irritating to eyes	
R37/38	Irritating to respiratory system and skin	
R38	Irritating to skin	
R41	Risk of serious damage to eyes	
R50	Very toxic to aquatic organisms	
R8	Contact with combustible material may cause fire	
Ν	Dangerous for the environment	
0	Oxidising	
Xi	Irritant	
Xn	Harmful	

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