

# **BOLD P&G Professional 2in1 Crystal Rain and** White Lilly - Liquid Safety Data Sheet according to Regulation (EC) No. 453/2010

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Version: 1.0

SECTION 1: Identification of the s	ubstance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Trade name	: BOLD P&G Professional 2in1 Crystal Rain and White Lilly
Product code	: PA00194550
Product group	: Trade product
1.2. Relevant identified uses of the su	ibstance 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 safe	
Procter & Gamble UK Brooklands, Weybridge	e, Surrey, KT13 0XP, UK
Fel: 01932 896000 Fax: 01932 896200	
Retail /Professional: customerservice@pgpro	f.com
I.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 o	
Classification according to Regulation (EC	5) No. 1272/2008 [CLP]
Eye Irrit. 2 H319	
Full text of H-phrases: see section 16	
Classification according to Directive 67/54	8/EEC [DSD] or 1999/45/EC [DPD]
Xi; R36	
Full text of R-phrases: see section 16	
Adverse physicochemical, human health a	nd environmental effects
No additional information available	
2.2. Label elements	
	4070/0000 [CL D]
Labelling according to Regulation (EC) No Hazard pictograms (CLP)	
Signal word (CLP)	· Worning
Signal word (CLP)	: Warning
Hazard statements (CLP) Precautionary statements (CLP)	<ul> <li>H319 - Causes serious eye irritation</li> <li>P101 - If medical advice is needed, have product container or label at hand</li> </ul>
recautionary statements (CLP)	P101 - If medical advice is needed, have product container of laber at hand P102 - Keep out of reach of children
	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
	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell
EUH phrases	: EUH208 - Contains Delta-Damascone. May produce an allergic reaction
	: EUH208 - Contains Delta-Damascone. May produce an allergic reaction
EUH phrases 2.3. Other hazards Other hazards not contributing to the	<ul> <li>EUH208 - Contains Delta-Damascone. May produce an allergic reaction</li> <li>No presence of PBT and vPvB ingredients.</li> </ul>

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## **SECTION 3: Composition/information on ingredients**

3.1. Substance

## Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium C10-13 Alkyl Benzenesulfonate	(CAS No) 68411-30-3 (EC no) 270-115-0 (REACH-no) 01-2119489428-22	5 - 10	Xn; R22 Xi; R41 Xi; R38	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
C12-14 Pareth-7	(CAS No) 68439-50-9 (EC no) polymer	1 - 5	Xn; R22 Xi; R41	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
C14-15 Pareth-n	(CAS No) 68951-67-7 (EC no) Polymer	1 - 5	Xn; R22 Xi; R41 N; R50	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
MEA Dodecylbenzenesulfonate	(CAS No) 85480-55-3 (EC no) 287-335-8 (REACH-no) 01-2119905842-39	1 - 5	Xn; R22 Xi; R41 Xi; R38	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium C12-15 Pareth Sulfate	(CAS No) 91648-56-5 (EC no) 293-918-8	1 - 5	Xi; R41 Xi; R38	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium Laureth Sulfate	(CAS No) 9004-82-4 (EC no) 221-416-0	1 - 5	Xi; R41 Xi; R38	Skin Irrit. 2, H315 Eye Dam. 1, H318 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 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/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 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: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms and effe	ects, 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. Diarrhea.
4.3. Indication of any immediate medic	al attention and special treatment needed
Refer to section 4.1.	
<b>SECTION 5: Firefighting measures</b>	
5.1. Extinguishing media	
Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
5.2. Special hazards arising from the s	ubstance 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 mea	asures
6.1. Personal precautions, protective e	quipment and emergency procedures
6.1.1. For non-emergency personnel	
Protective equipment	: Wear suitable gloves and eye/face protection.

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6.1.2.	For emergency responders	
Protect	ive equipment	: Wear suitable gloves and eye/face protection.
6.2.	Environmental precautions	
Consur	ner products ending up down the drai	n after use. Prevent soil and water pollution. Prevent spreading in sewers.
6.3.	Methods and material for contain	nment and cleaning up
For con	itainment	: Scoop absorbed substance into closing containers.
Method	ls 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.

<b>SECTION 7: Handling and storag</b>	e
7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid contact with eyes. Use personal protective equipment as required. 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, inc	luding 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.

7.3. Specific end use(s)

Refer to section 1.2.

SECT	SECTION 8: Exposure controls/personal protection		
8.1.	Control parameters		
8.1.1.	National limit values		

No additional information available

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

MEA Dodecylbenzenesulfonate (85480-55-3)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	170 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	12 mg/m <sup>3</sup>	
Long-term - local effects, inhalation	12 mg/m <sup>3</sup>	
DNEL/DMEL (General population)		
Long-term - systemic effects, oral	0.85 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	3 mg/m <sup>3</sup>	
Long-term - systemic effects, dermal	85 mg/kg bodyweight/day	
Long-term - local effects, inhalation	/m³	
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 C10-13 Alkyl Benzenesulfonate (68	8411-30-3)	

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal 170 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	12 mg/m <sup>3</sup>
Long-term - local effects, inhalation	12 mg/m <sup>3</sup>
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Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)		
DNEL/DMEL (General population)		
Long-term - systemic effects, oral	0.85 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	3 mg/m <sup>3</sup>	
Long-term - systemic effects, dermal	85 mg/kg bodyweight/day	
Long-term - local effects, inhalation	3 mg/m <sup>3</sup>	
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	

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls :

### 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 Eye protection : Not applicable. : Wear eye/face protection. : Not applicable. : Not applicable.

Not applicable.

- Respiratory protection
- 8.2.3. Environmental exposure controls

Skin and body protection

#### Not available

## 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	pleasant (perfume).		
Odour threshold	No data available		
pН	7.9		
Melting point	No data available		
Freezing point	No data available		
Boiling point	>= 90	°C	
Flash point		°C	No flash point till boiling
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	No data available		
Explosive limits	No data available		
Vapour pressure	No data available		
Relative density	No data available		
Solubility	Soluble in water.		
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		

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Property	Value	Unit	Test method/Notes	
Viscosity	340 - 900	cP		
Explosive properties	No additional information	No additional information available		
Oxidising properties	No additional information	No additional information available		
.2. Other information				
lo additional information available				
	:			
SECTION 10: Stability and reactiv	ity			
0.1. Reactivity				
lo dangerous reactions known.				
0.2. Chemical stability				
Stable under normal conditions.				
0.3. Possibility of hazardous reaction	IS			
Refer to section 10.1 on Reactivity.				
0.4. Conditions to avoid				
Not required for normal conditions of use.				
0.5. Incompatible materials				
Not applicable.				
10.6. Hazardous decomposition produ	icts			
None under normal use.				
SECTION 11: Toxicological inform	nation			
1.1. Information on toxicological effe	cts			
Acute toxicity	: Not classified			
BOLD P&G Professional 2in1 Crystal Ra	in and White Lilly			
LD50 oral calculated	> 2000 mg/kg			
MEA Dodecylbenzenesulfonate (85480-5	5-3)			
LD50 oral rat	1080 mg/kg			
LD50 dermal rat	> 2000 mg/kg OECD 40			
ATE CLP (oral)	1080 mg/kg bodyweight			
Sodium C10-13 Alkyl Benzenesulfonate				
LD50 oral rat	1080 mg/kg bodyweight			
LD50 dermal rat ATE CLP (oral)	> 2000 mg/kg bodyweig			
ATE CLP (dermal)	1080 mg/kg bodyweight 2001 mg/kg bodyweight			
	2001 mg/kg bodywolgin			
C12-14 Pareth-7 (68439-50-9) LD50 oral rat	1600 mg/kg			
LD50 dermal rat	2001 mg/kg			
ATE CLP (oral)	1600 mg/kg bodyweight			
ATE CLP (dermal)	2001 mg/kg bodyweight			
Sodium Laureth Sulfate (9004-82-4)				
LD50 oral rat	2001 mg/kg			
ATE CLP (oral)	2001 mg/kg bodyweight			
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			
Porious ava damaga/irritation	pH: 7.9	ation		
Serious eye damage/irritation	: Causes serious eye irrit	auon.		
Respiratory or skin sensitisation	pH: 7.9 : Not classified			
Germ cell mutagenicity	: Not classified			
Carcinogenicity	: Not classified			
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Sodium C10-13 Alkyl Benzenesulfonate (6841			
NOAEL (chronic, oral, animal/male, 2 years)	350 mg/kg bodyweight		
NOAEL (chronic, oral, animal/female, 2 years)	350 mg/kg bodyweight		
1	: 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			
· · · · · · · · · · · · · · · · · · ·	: 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.		
MEA Dodecylbenzenesulfonate (85480-55-3)	-		
LC50 fishes 1	1.67 mg/l Lepomis macrochirus		
EC50 Daphnia 1	2.4 mg/l		
ErC50 (algae)	1.44 mg/l OECD 201; Desmodesmus subspicatus		
NOEC chronic fish	0.23 mg/l Oncorhynchus mykiss		
NOEC chronic crustacea	1.18 mg/l Daphnia magna		
NOEC chronic algae	< 1.28 mg/l OECD 201; Desmodesmus subspicatus		
Sodium C10-13 Alkyl Benzenesulfonate (6841	1-30-3)		
LC50 fishes 1	1.67 mg/I US EPA 850.1075; Lepomis macrochirus		
EC50 Daphnia 1	2.9 mg/l OECD 202; Daphnia magna		
ErC50 (algae)	127.9 mg/l 88/302/EWG; Desmodesmus subspicatus		
NOEC chronic fish	0.23 mg/l Oncorhynchus mykiss		
NOEC chronic crustacea	0.5 mg/l Ceriodaphnia sp.		
NOEC chronic algae	2.4 mg/l 88/302/EWG; Desmodesmus subspicatus		
C12-14 Pareth-7 (68439-50-9)			
LC50 fishes 1	10 mg/l		
EC50 Daphnia 1	10 mg/l		
ErC50 (algae)	10 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		
ErC50 (algae)	< 1 mg/l		

#### 12.2. Persistence and degradability

MEA Dodecylbenzenesulfonate (85480-55-3)		
Persistence and degradability	The substance is biodegradable. Unlikely to persist.	
Biodegradation	85 % OECD 301 B	
Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)		
Persistence and degradability	Biodegradable.	
Biodegradation	85 % OECD 301 B	
C12-14 Pareth-7 (68439-50-9)		
Persistence and degradability	The substance is biodegradable. Unlikely to persist.	
Biodegradation	> 70 %	

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Sodium Laureth Sulfate (9004-82-4)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	100 % OECD 301A
C14-15 Pareth-n (68951-67-7)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
12.3. Bioaccumulative potential	
MEA Dodecylbenzenesulfonate (85480-55-3)	
Bioconcentration factor (BCF REACH)	1000
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
Sodium C10-13 Alkyl Benzenesulfonate (684	411-30-3)
BCF fish 1	2 - 1000 l/kg
Bioconcentration factor (BCF REACH)	1000 OECD 305 E; Pimephales promelas
Log Pow	1.4 OECD 123; 23 °C; pH: 6.1
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	
MEA Dedeeydhannanaulferiate (of too ff o	
MEA Dodecylbenzenesulfonate (85480-55-3)	1.167
Log Koc	1.107
Sodium C10-13 Alkyl Benzenesulfonate (684	
Log Koc	3.5
12.5. Results of PBT and vPvB assessme	int
BOLD P&G Professional 2in1 Crystal Rain a	and White Lilly
Results of PBT assessment	No presence of PBT and vPvB ingredients
Component	
MEA Dodecylbenzenesulfonate (85480-55-3)	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
Propylene Glycol (57-55-6)	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 Cumenesulfonate (15763-76-5)	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
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 Laureth Sulfate (9004-82-4)	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
12.6. Other adverse effects	
Other information	: No other effects known.
SECTION 13: Disposal consideration	ns
13.1.Waste treatment methods13.1.1.Regional legislation (waste)	: Disposal must be done according to official regulations.
13.1.1. Regional legislation (waste)	. Disposal must be done according to official regulations.
13.1.2 Disposal recommendations	<ul> <li>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.</li> <li>For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.</li> </ul>
13.1.3 EURAL Waste code product	<ul> <li>20 01 29* - detergents containing dangerous substances</li> <li>15 01 10* - packaging containing residues of or contaminated by dangerous substances</li> </ul>

SECTIO	DN 14: Transport information
14.1.	UN number
Not applie	cable
14.2.	UN proper shipping name
Not applie	cable

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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	
	II of MARPOL 73/78 and the IBC Code
Not applicable	
OFOTION 45. Desculators information	
SECTION 15: Regulatory information	
Ingredient label	: 5-15% Anionic surfactants; <5% Non-ionic surfactants, Phosphonates, Soap; Enzymes, Benzisothiazolinone, Methylisothiazolinone, Perfumes, Hexyl cinnamal, Limonene, Linalool.
15.1. Safety, health and environmental regu	ulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations	
No REACH Annex XVII restrictions	
Contains no substance on the REACH candidate I	ist
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.
15.1.2. National regulations	
No additional information available	
15.2. Chemical safety assessment	
No chemical safety assessment has been carried	out
SECTION 16: Other information	
SECTION 16: Other information	
16.1. Indication of changes	: Not applicable
16.1.         Indication of changes           Indication of changes         Indication of changes	: Not applicable
16.1.       Indication of changes         Indication of changes         16.2.       Abbreviations and acronyms	: Not applicable
16.1.       Indication of changes         Indication of changes         16.2.       Abbreviations and acronyms         No additional information available	
16.1.       Indication of changes         Indication of changes         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]
16.1.       Indication of changes         Indication of changes         16.2.       Abbreviations and acronyms         No additional information available         16.3.       Classification and procedure used to         Classification according to Regulation (EC) N	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] lo. 1272/2008 [CLP] classification procedure
16.1.       Indication of changes         Indication of changes         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]
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] lo. 1272/2008 [CLP] classification procedure
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral)</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]         classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 H302</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         io. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to</li> <li>Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme</li> <li>Acute Tox. 4 (Oral)</li> <li>Aquatic Acute 1</li> <li>Aquatic Chronic 3</li> <li>Eye Dam. 1</li> <li>Eye Irrit. 2</li> <li>Skin Irrit. 2</li> <li>H302</li> <li>H315</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes skin irritation
<ul> <li>16.1. Indication of changes Indication of changes</li> <li>16.2. Abbreviations and acronyms No additional information available</li> <li>16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2</li> <li>16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2</li> <li>Skin Irrit. 2</li> <li>H302</li> <li>H315</li> <li>H318</li> </ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes skin irritation         Causes serious eye damage
<ul> <li>16.1. Indication of changes Indication of changes </li> <li>16.2. Abbreviations and acronyms No additional information available 16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2 16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 H302 H315 H318 H319</li></ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes skin irritation         Causes serious eye damage         Causes serious eye irritation
<ul> <li>16.1. Indication of changes Indication of changes </li> <li>16.2. Abbreviations and acronyms No additional information available 16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2 16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 H302 H315 H318 H319 H400</li></ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes skin irritation         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life
<ul> <li>16.1. Indication of changes Indication of changes Indication of changes </li> <li>16.2. Abbreviations and acronyms No additional information available 16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2 16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 H302 H315 H318 H319 H400 H412</li></ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye irritation         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life with long lasting effects
<ul> <li>16.1. Indication of changes Indication of changes </li> <li>16.2. Abbreviations and acronyms No additional information available 16.3. Classification and procedure used to Classification according to Regulation (EC) N Eye Irrit. 2 16.4. Relevant R-phrases and/or H-stateme Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Chronic 3 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 H302 H315 H318 H319 H400 H412 R22</li></ul>	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye damage         Causes serious eye damage         Causes serious eye damage         Harmful if swallowed         Harmful to aquatic life         Harmful to swallowed         Harmful if swallowed
16.1.       Indication of changes         Indication of changes         16.2.       Abbreviations and acronyms         No additional information available         16.3.       Classification and procedure used to         Classification according to Regulation (EC) N         Eye Irrit. 2         16.4.       Relevant R-phrases and/or H-stateme         Acute Tox. 4 (Oral)         Aquatic Acute 1         Aquatic Chronic 3         Eye Dam. 1         Eye Irrit. 2         Skin Irrit. 2         H302         H315         H318         H319         H400         H412         R22         R36	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye damage         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life         Harmful to aquatic life with long lasting effects         Harmful if swallowed         Irritating to eyes
16.1.       Indication of changes         Indication of changes         16.2.       Abbreviations and acronyms         No additional information available         16.3.       Classification and procedure used to         Classification according to Regulation (EC) N         Eye Irrit. 2         16.4.       Relevant R-phrases and/or H-stateme         Acute Tox. 4 (Oral)         Aquatic Acute 1         Aquatic Chronic 3         Eye Dam. 1         Eye Irrit. 2         Skin Irrit. 2         H302         H315         H318         H319         H400         H412         R22         R36         R38	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         ents (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes skin irritation         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life with long lasting effects         Harmful if swallowed         Irritating to eyes         Irritating to skin
16.1.Indication of changesIndication of changes16.2.Abbreviations and acronymsNo additional information available16.3.Classification and procedure used toClassification according to Regulation (EC) NEye Irrit. 216.4.Relevant R-phrases and/or H-statemeAcute Tox. 4 (Oral)Aquatic Acute 1Aquatic Chronic 3Eye Dam. 1Eye Irrit. 2Skin Irrit. 2H302H315H318H319H400H412R22R36R38R41	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         Ints (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life with long lasting effects         Harmful if swallowed         Irritating to eyes         Irritating to skin         Risk of serious damage to eyes
16.1.Indication of changesIndication of changes16.2.Abbreviations and acronymsNo additional information available16.3.Classification and procedure used toClassification according to Regulation (EC) NEye Irrit. 216.4.Relevant R-phrases and/or H-statemeAcute Tox. 4 (Oral)Aquatic Acute 1Aquatic Chronic 3Eye Dam. 1Eye Irrit. 2Skin Irrit. 2H302H315H318H319H400H412R22R36R38R41R50	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         to. 1272/2008 [CLP]       classification procedure         On basis of test data         Intervention       Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life with long lasting effects         Harmful if swallowed         Irritating to eyes         Irritating to skin         Risk of serious damage to eyes         Very toxic to aquatic organisms
16.1.Indication of changesIndication of changes16.2.Abbreviations and acronymsNo additional information available16.3.Classification and procedure used toClassification according to Regulation (EC) NEye Irrit. 216.4.Relevant R-phrases and/or H-statemeAcute Tox. 4 (Oral)Aquatic Acute 1Aquatic Chronic 3Eye Dam. 1Eye Irrit. 2Skin Irrit. 2H302H315H318H319H400H412R22R36R38R41	derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]         lo. 1272/2008 [CLP]       classification procedure         On basis of test data         Ints (number and full text) for mixture and substances         Acute toxicity (oral), Category 4         Hazardous to the aquatic environment — AcuteHazard, Category 1         Hazardous to the aquatic environment — Chronic Hazard, Category 3         Serious eye damage/eye irritation, Category 1         Serious eye damage/eye irritation, Category 2         Skin corrosion/irritation, Category 2         Harmful if swallowed         Causes serious eye damage         Causes serious eye damage         Causes serious eye irritation         Very toxic to aquatic life         Harmful to aquatic life with long lasting effects         Harmful if swallowed         Irritating to eyes         Irritating to skin         Risk of serious damage to eyes

Safety Data Sheet

according to Regulation (EC) No. 453/2010

#### 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