

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

Product form : Mixture Trade name : P&GO PROFESSIONAL 1.1 - Manual Washing Up Liquid Product gooup : Trade product <b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b> <b>1.2.1. Relevant identified uses</b> Function or use category : Professional use Function or use category : Washing and cleaning products (including solvent based products) <b>1.2.2. Uses advised against</b> No additional information available <b>1.3. Details of the supplier of the safety data sheet</b> Procetr & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200 Retail /Professional: sds.im@pg.com <b>1.4. Emergency teleptone number</b> Emergency number : (UK) Emergency Tel: 0800 328 8304 ((RL) Emergency Tel: 1800 509 497 <b>SECETION 2: Hazards identification</b> <b>2.1. Classification of the substance or mixture</b> <b>Classification according to Regulation (EC) No. 1272/208 [CLP]</b> Eye Inft: 2 H319 Aquatic Chronic 3 H412 Full text of A-phrases: see section 18 <b>Classification according to Directive 67548/EEC (DSD) or 1999/45/EC (DPD)</b> X; R30 Full text of A-phrases: see section 18 <b>2.2. Label elements</b> <b>2.2. Label elements</b> <b>2.1. Label elements</b> <b>2.2. Label elements</b> <b>2.2. Label elements</b> <b>2.3. Label elements</b> <b>3.4. Labeling according to Cisulation (EC) No. 1272/2008 [CLP]</b> Hazard pictograms (CLP) : : : : : : : : : : : : : : : : : : :		f issue: 09/10/2014 Revision date: : Version
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Trade name : P8G PROFESSIONAL 1.1 - Manual Washing Up Liquid Product code : PAG0192271 Product code : PAG0192271 Product group : Trade product <b>1.2. Relevant identified uses</b> <b>1.3. Relevant identified uses</b> <b>1.3. Obtails of the substance or mixture and uses advised against</b> <b>1.3. Obtails of the subplier of the safety data sheet</b> Proter 8 Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 88000 Par: 01932 880200 Retail /Professional: ids.im@pg.com <b>1.4. Emergency telephone number</b> Emergency number : (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497 <b>SECTION 2: Hazards Identification</b> <b>2.1. Classification of the substance or mixture</b> <b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b> Fyl Irkz of H-phrases: see section 16 <b>Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]</b> Xi; R36 <b>Ful Itext of R-phrases: see section 15</b> <b>Adverse physicochemical, human health and environmental effects</b> No additional information available <b>2.1. Label elements</b> <b>Label elements</b> <b>Label</b>	1.1. Product identifier	
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Hazard pictograms (CLP)	2.2. Label elements	
Hazard pictograms (CLP)	Labelling according to Regulation (EC) No.	1272/2008 [CLP]
Signal word (CLP) : Warning	Hazard pictograms (CLP)	
Signal word (CLP) : Warning		
Signal word (CLP) : Warning		
Signal word (CLP) : Warning		$\mathbf{\vee}$
	Signal word (CLP)	5
Hazard statements (CLP) : H319 - Causes serious eye irritation H412 - Harmful to aquatic life with long lasting effects	Hazard statements (CLP)	
	Precautionary statements (CLP)	
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove		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		
P501 - Dispose of contents/container to an appropriate local waste system		
2.3. Other hazards	2.3. Other hazards	
	Other hazards not contributing to the	: No presence of PBT and vPvB ingredients.
classification	classification	

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## SECTION 3: Composition/information on ingredients

#### Substance 3.1.

Not applicable

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium C12-14 Alkyl Sulfate	(CAS No) 85586-07-8 (EC no) 287-809-4 (REACH-no) 01-2119489463-28	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
Lauramine Oxide	(CAS No) 308062-28-4 (EC no) 931-292-6 (REACH-no) 01-2119490061-47	5 - 10	Xn; R22 Xi; R41 Xi; R38 N; R50	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Sodium Laureth Sulfate	(CAS No) 161074-79-9 (EC no) 500-513-4 (REACH-no) 01-2119513369-37	5 - 10	Xi; R41 Xi; R38	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium Lauryl Sulphate	(CAS No) 1231880-35-5 (REACH-no) 01-2119582870-31	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
Sodium C12-14 Pareth-3 Sulfate	(CAS No) 68891-38-3 (EC no) Polymer	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. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. Discontinue use of product.			
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.			
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.			
4.2. Most important symptoms and effe	cts, 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 medica	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 su	bstance 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.				

SECT	SECTION 6: Accidental release measures		
6.1.	Personal precautions, protective equipment and emergency procedures		
6.1.1. Protectiv	For non-emergency personnel ve equipment	: Wear suitable gloves and eye/face protection.	
6.1.2. Protectiv	For emergency responders ve equipment	: Wear suitable gloves and eye/face protection.	

Safety Data Sheet

according to Regulation (EC) No. 453/2010

6.2.	Environmental precautions			
Consur	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 cor	ntainment	: 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	o Sections 8 and 13.			
SECT	ION 7: Handling and storage			
7.1.	Precautions for safe handling			
Precau	tions 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, include	ing any incompatibilities		
Storage	e conditions	: Store in original container. Refer to section 10.		
Incomp	patible products	: Refer to section 10.		
Incomp	patible materials	: Not applicable.		
Prohibitions on mixed storage		: Not applicable.		
Storage	e area	: Store in a cool area. Store in a dry area.		
7.3.	Specific end use(s)			
Refer to	o section 1.2.			

## 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

Lauramine Oxide (308062-28-4)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	15.5 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	0.44 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	3.825 mg/m <sup>3</sup>	
Long-term - systemic effects, dermal	5.5 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0.0335 mg/l	
PNEC aqua (marine water)	0.0335 mg/l	
PNEC aqua (intermittent, freshwater)	0.0335 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	5.24 mg/kg dwt	
PNEC sediment (marine water)	0.524 mg/kg dwt	
PNEC (Soil)		
PNEC soil	1.02 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	24 mg/l	

## Sodium C12-14 Alkyl Sulfate (85586-07-8)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4060 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	285 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	85 mg/m³
Long-term - systemic effects, dermal	2440 mg/kg bodyweight/day
PNEC (Water)	

# **P&G PROFESSIONAL 1.1 - Manual Washing Up Liquid** Safety Data Sheet according to Regulation (EC) No. 453/2010

PNEC aqua (marine water)         0.03 mg/l           PNEC aqua (marine water)         0.38 mg/kg dwt           PNEC Sediment (marine water)         0.36 mg/kg dwt           PNEC Sediment (marine water)         0.654 mg/kg dwt           Sodium Laureth Sulfact (161074-73-9)            DNELVDNEL (Workers)            Long-term - systemic effects, demail         175 mg/kg Dodyweight/day           Long-term - systemic effects, demail         15 mg/kg Dodyweight/day           Long-term - systemic effects, demail         1650 mg/kg dwt           PNEC Gaug (marine water)         0.013 mg/l           PNEC Gaug (marine water)         0.03 mg/l           PNEC Gaug (marine water)         0.03 mg/kg dwt           PNEC Sediment (marine water)         0.03 mg/kg dwt           PNEC Sediment (marine water)         0.238 mg/kg dwt           PNEC Sediment (marine water)         0.238 mg/kg dwt	Sodium C12-14 Alkyl Sulfate (85586-07-8)	
PREC aque (numintem, feelwater)         0.036 mg/t           PREC (sediment)         2.5.8 mg/kg dwt           PREC sediment (narine water)         0.38 mg/kg dwt           PREC sediment (narine water)         0.38 mg/kg dwt           PREC sol         0.684 mg/kg dwt           Sodium Laureth Sulfate (18074-79-9)         0.000 mg/kg bod/weight/day           Durg-term - systemic effects, dermal         175 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         15 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         52 mg/mg           DREL CMEL (General population)         0.013 mg/l           Long-term - systemic effects, inhalation         52 mg/kg dwt           PREC aqua (marine water)         0.021 mg/l           PREC aqua (marine water)         0.023 mg/kg dwt           PREC aqua (marine water)         0.203 mg/kg dwt           PREC aqua (marine water)         0.2	PNEC aqua (freshwater)	0.102 mg/l
PNEC (Sediment)         3.56 mg/kg dwt           PNEC sediment (marine water)         0.358 mg/kg dwt           PNEC (Sediment)         0.558 mg/kg dwt           PNEC (Soli)         0.854 mg/kg dwt           DRUED/MEL (Workers)         1094 mg/l           Long-term - systemic effects, inhalation         175 mg/m           DVELD/MEL (Workers)         15 mg/kg bodyweight/day           Long-term - systemic effects, demail         1650 mg/kg bodyweight/day           Long-term - systemic effects, demail         1650 mg/kg dwd           PNEC (Soli)         0.13 mg/l           PNEC (Soli)         0.13 mg/l           PNEC (Soli)         0.03 mg/kg dwt           PNEC (Soli)         0.03 mg/kg dwt           PNEC (Soli)         0.32 mg/kg dwt           PNEC (Soli)         0.328 mg/kg dwt     <	PNEC aqua (marine water)	0.01 mg/l
PNEC sediment (insetwater)         3.58 mg/kg dwt           PNEC sediment (maine water)         0.854 mg/kg dwt           PNEC (Sdi)            PNEC Sedimer (insetwater)         0.854 mg/kg dwt           PNEC (STP)            PNEC Solider (Linet Article (1874-79-9)            DNELUMEL (Mortenz)            Long-term - systemic effects, dormal         2750 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         175 mg/m           DNELUMEL (Mortenz)            Long-term - systemic effects, inhalation         52 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         52 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         52 mg/m <sup>3</sup> PNEC Quag (maine water)         0.13 mg/l           PNEC quag (maine water)         0.13 mg/l           PNEC Quag (maine water)         0.20 mg/kg dwt           PNEC Golider (Insetwater)         0.20 mg/kg dwt           PNEC Sediment (Insetwater)         0.20 mg/kg dwt           PNEC Golider (Insetwater)         0.20 mg/kg dwt           P	PNEC aqua (intermittent, freshwater)	0.036 mg/l
PNEC 6 sedment (maine water)         0.358 mg/kg dwi           PNEC (sol)         0.654 mg/kg dwi           PNEC server (sol)         0.854 mg/kg dwi           PNEC Server (sol)         0.854 mg/kg dwi           PNEC server (sol)         0.854 mg/kg dwi           Solium Lurenth Suifier (161074-79-9)         0.854 mg/kg dwi/mg/ki           DNEL/DNEL (Korkers)         0.857 mg/kg dwi/mg/ki           Long-term - systemic effects, inhalation         175 mg/m²           Long-term - systemic effects, inhalation         52 mg/m²           Long-term - systemic effects, inhalation         52 mg/m²           NPEC Mayer         0.013 mg/           PNEC Mayer         0.023 mg/kg dwi           PNEC Mayer         0.023 mg/kg dwi           PNEC Mayer (maxine water)         0.023 mg/kg dwi           PNEC Sedment (maxine water)         0.023 mg/	PNEC (Sediment)	
PNEC 6 sedment (maine water)         0.358 mg/kg dwi           PNEC (sol)         0.654 mg/kg dwi           PNEC server (sol)         0.854 mg/kg dwi           PNEC Server (sol)         0.854 mg/kg dwi           PNEC server (sol)         0.854 mg/kg dwi           Solium Lurenth Suifier (161074-79-9)         0.854 mg/kg dwi/mg/ki           DNEL/DNEL (Korkers)         0.857 mg/kg dwi/mg/ki           Long-term - systemic effects, inhalation         175 mg/m²           Long-term - systemic effects, inhalation         52 mg/m²           Long-term - systemic effects, inhalation         52 mg/m²           NPEC Mayer         0.013 mg/           PNEC Mayer         0.023 mg/kg dwi           PNEC Mayer         0.023 mg/kg dwi           PNEC Mayer (maxine water)         0.023 mg/kg dwi           PNEC Sedment (maxine water)         0.023 mg/	PNEC sediment (freshwater)	3.58 mg/kg dwt
PNEC soil         0.654 mg/kg dwi           PNEC (STP)         PNEC (STP)           PNEC Sewage treatment plant         1084 mg1           Sodium Laureth Sulfae (St074-79-9)         DNELD/NEL (Netros)           Long-term - systemic effects, dermal         2750 mg/kg bodyweight/day           Long-term - systemic effects, antalation         175 mg/m           Long-term - systemic effects, antalation         52 mg/m           Long-term - systemic effects, dermal         1550 mg/kg bodyweight/day           Long-term - systemic effects, dermal         1550 mg/kg bodyweight/day           Long-term - systemic effects, dermal         1050 mg/kg bodyweight/day           Long-term - systemic effects, dermal         0.013 mg1           PNEC caque (mexime water)         0.013 mg1           PNEC caque (mexime water)         0.013 mg1           PNEC caque (mexime water)         0.023 mg/kg dwt           PNEC soli         0.203 mg/kg dwt           PNEC soli         0.238 mg/kg dwt           PNEC for the solitation         se mg/m²           Long-term - systemic effects, dermal         4060 mg/kg bodyweight/day           Long-term - systemic effects, der	PNEC sediment (marine water)	
PNEC soil         0.654 mg/kg dwi           PNEC (STP)         PNEC (STP)           PNEC Sewage treatment plant         1084 mg1           Sodium Laureth Sulfae (St074-79-9)         DNELD/NEL (Netros)           Long-term - systemic effects, dermal         2750 mg/kg bodyweight/day           Long-term - systemic effects, antalation         175 mg/m           Long-term - systemic effects, antalation         52 mg/m           Long-term - systemic effects, dermal         1550 mg/kg bodyweight/day           Long-term - systemic effects, dermal         1550 mg/kg bodyweight/day           Long-term - systemic effects, dermal         1050 mg/kg bodyweight/day           Long-term - systemic effects, dermal         0.013 mg1           PNEC caque (mexime water)         0.013 mg1           PNEC caque (mexime water)         0.013 mg1           PNEC caque (mexime water)         0.023 mg/kg dwt           PNEC soli         0.203 mg/kg dwt           PNEC soli         0.238 mg/kg dwt           PNEC for the solitation         se mg/m²           Long-term - systemic effects, dermal         4060 mg/kg bodyweight/day           Long-term - systemic effects, der	PNEC (Soil)	
PNEC (STP)         1084 mg/l           PNEC sewage treatment plant         1084 mg/l           Sodium Laureth Sulfate (161074-75-9)         DNEL/DMEL (Workers)           Long-term - systemic effects, inhalation         175 mg/m <sup>2</sup> DNEL/DMEL (General population)         115 mg/m <sup>2</sup> Long-term - systemic effects, inhalation         155 mg/m <sup>2</sup> Dong-term - systemic effects, inhalation         52 mg/m <sup>2</sup> Long-term - systemic effects, dermal         165 mg/kg bodyweight/day           Long-term - systemic effects, dermal         0.13 mg/l           PNEC aqua (intermittent, freshwater)         0.013 mg/l           PNEC aqua (intermittent, freshwater)         0.017 mg/l           PNEC (Seliment)         0.028 mg/kg dwl           PNEC sediment (freshwater)         0.238 mg/kg dwl           PNEC Sediment (freshwater)         0.238 mg/kg dwl           PNEC Sediment (freshwater)         0.238 mg/kg dwl           PNEC Sediment (freshwater)         0.328 mg/mg dwl           PNEC Sediment (freshwater)         0.328 mg/mg dwl           PNEC Sediment (freshwater)         0.328 mg/mg           DNEL/DMEL (General population)         240 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         285 mg/m <sup>3</sup> DNEL/DMEL (General population) <t< td=""><td></td><td>0.654 ma/ka dwt</td></t<>		0.654 ma/ka dwt
PNEC sawage treatment plant         1084 mg1           Sodium Laureth Suffaet (st074-79-9)            DNELZDMEL (Workers)            Long-term - systemic effects, dermal         2750 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         12 mg/m           DNELZDMEL (Morkers)            Long-term - systemic effects, inhalation         52 mg/m <sup>2</sup> Long-term - systemic effects, inhalation         52 mg/m <sup>2</sup> Dong-term - systemic effects, inhalation         52 mg/m <sup>2</sup> NEC quay (inserime water)         0.13 mg1           PNEC quay (inserimeter, treshwater)         0.013 mg1           PNEC (sediment)            PNEC (sediment)         0.203 mg/kg dwt           PNEC sedimet (rinshwater)         0.203 mg/kg dwt           PNEC (self)            PNEC sedimet (rinshwater)         0.203 mg/kg dwt           PNEC (self)            PNEC self (scirc)         0.328 mg/m <sup>3</sup> DNELZDMEL (Workers)            Long-term - systemic effects, inhalation		
Sodium Lurverth Sulfate (161074-79-9)           DNEL/DMEL (Workers)           Long-term - systemic effects, inhalation         175 mg/m <sup>2</sup> DNEL/DMEL (General population)         155 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         152 mg/m <sup>3</sup> DNEL/DMEL (General population)         227.00 mg/kg bodyweight/day           Long-term - systemic effects, dermal         1650 mg/kg bodyweight/day           Cong-term - systemic effects, dermal         1650 mg/kg bodyweight/day           PNEC (Water)         0.13 mg/l           PNEC (aque (restrivater)         0.013 mg/l           PNEC (aque (restrivater)         0.013 mg/l           PNEC (sediment)         2.03 mg/kg dwd           PNEC (sediment)         0.203 mg/kg bodyweight/day           Dog-term - systemic effects, inhalation         285 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         285 mg/m <sup>3</sup> Dog-term - systemic effects, inhalation         285 mg/m <sup>3</sup> Dog-term - systemic effects, inhalation		1084 mg/l
DNEL/DMEL (Workers)         2750 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         175 mg/m³           DNEL/DMEL (General population)         52 mg/m³           Long-term - systemic effects, inhalation         52 mg/m³           Dong-term - systemic effects, inhalation         52 mg/m³           Long-term - systemic effects, inhalation         52 mg/m³           Long-term - systemic effects, inhalation         52 mg/m³           Degreen - systemic effects, inhalation         0.013 mg/l           PNEC qua (intermitten, freshwater)         0.031 mg/l           PNEC aqua (intermitten, freshwater)         0.033 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC (Soil)         0.328 mg/kg dwd           Durg-term - systemic effects, inhalation         25 mg/m³      <	·····	
Long-term - systemic effects, dermal         2750 mg/kg bodyweight/day           Long-term - systemic effects, inhalation         175 mg/m3           DMEL/DMEL (General population)         55 mg/m3           Long-term - systemic effects, inhalation         55 mg/m3           Long-term - systemic effects, inhalation         55 mg/m3           Long-term - systemic effects, inhalation         52 mg/m3           NEC aqua (restrivater)         0.13 mg/l           PNEC aqua (restrivater)         0.071 mg/l           PNEC aqua (restrivater)         0.203 mg/kg dwl           PNEC (sediment)         285 mg/m3           DNEL/DMEL (Workers)         285 mg/m3           Long-term - systemic effects, inhalat	Sodium Laureth Sulfate (161074-79-9)	
Long-term - systemic effects, inhalation     175 mg/m <sup>3</sup> DNEL/DMEL (General population)     15 mg/kg bodyweight/day       Long-term - systemic effects, inhalation     52 mg/m <sup>3</sup> Long-term - systemic effects, inhalation     16 S0 mg/kg bodyweight/day       PNEC (Water)     0.13 mg/l       PNEC aqua (reshwater)     0.13 mg/l       PNEC aqua (reshwater)     0.017 mg/l       PNEC aqua (intermittent, freshwater)     0.071 mg/l       PNEC sediment (intermittent, freshwater)     0.203 mg/kg dwt       PNEC sediment (intermittent, freshwater)     0.328 mg/kg dwt       PNEC Sediment (intermittent, freshwater)     0.0328 mg/kg bodyweight/day       Long-term - systemic effects, inhalation     25 mg/m <sup>3</sup> Long-term - systemic effects, inhalation     24 mg/kg bodyweight/day       Dong-term - systemic effects, inhalation     25 mg/m <sup>3</sup> Long-term - systemic effects, inhalation <td< td=""><td>DNEL/DMEL (Workers)</td><td></td></td<>	DNEL/DMEL (Workers)	
DNELDMEL (General population) Long-term - systemic effects, inhalation S2 mg/m HEC qua (intermittent, freshwater) O.13 mg/l PNEC qua (intermittent, freshwater) O.071 mg/l PNEC gaua (intermittent, freshwater) O.073 mg/kg dwt PNEC sediment (freshwater) O.033 mg/kg dwt PNEC sediment (intermittent, freshwater) O.038 mg/kg dwt PNEC sediment (intermittent, freshwater) ONEL/DMEL (Workers) DNEL/DMEL (Workers) DNEL/DMEL (Workers) DNEL/DMEL (General population) Acute - local effects, inhalation S2 mg/m DNEU/DMEL (General population) Acute - local effects, inhalation S2 mg/m DNEL/DMEL (General population) Acute - local effects, inhalation S3 mg/m DNEL/DMEL (General population) Acute - local effects, inhalation S4 mg/k bodyweight/day DNEL General Population DNEL/DMEL (General population) Acute - local effects, inhalation S4 mg/k bodyweight/day DNEL General Comp-term - systemic effects, inhalation S4 mg/k bodyweight/day DNEL General Comp-term - systemic effects, inhalation S4 mg/k bodyweight/day DNEL General Comp-term - systemic effects, inhalation S5 mg/m DNE DVEC Mg/kg dwt PNEC (Self) PNEC aqua (intermittent, freshwater) O.0782 mg/l PNEC qua (intermittent, freshwater) O.0386 mg/l PNEC sediment (freshwater) DNEL General DNE DVEC Mg/kg dwt PNEC (Self) PNEC sediment (freshwater) DNE DVEC Mg/kg dwt PNEC (Self) PNEC sediment (freshwater) DNE DVEC Mg/kg dwt PNEC (Self) PNEC sediment plant DNE Mg/kg dwt PNEC (Self) PNEC sediment plant DN	Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
Long-term - systemic effects, inhalation         52 mg/m³           Long-term - systemic effects, dermal         1680 mg/kg bodyweight/day           PNEC (Water)         0.13 mg/l           PNEC aqua (marine water)         0.013 mg/l           PNEC aqua (intermittent, freshwater)         0.013 mg/l           PNEC aqua (intermittent, freshwater)         0.013 mg/l           PNEC sediment (intermittent, freshwater)         0.203 mg/kg dwt           PNEC sediment (intermittent, freshwater)         0.203 mg/kg dwt           PNEC sediment (intermittent, freshwater)         0.203 mg/kg dwt           PNEC (Soli)	Long-term - systemic effects, inhalation	175 mg/m <sup>3</sup>
Long-term - systemic effects, inhalation         52 mg/m³           Long-term - systemic effects, dermal         1650 mg/kg bodyweight/day           PNEC aqua (risehwater)         0.13 mg/l           PNEC aqua (riner water)         0.013 mg/l           PNEC aqua (riner mice vater)         0.013 mg/l           PNEC sediment (freshwater)         0.013 mg/l           PNEC sediment (freshwater)         0.023 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC (Sediment)         0.203 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC sediment (freshwater)         0.203 mg/kg dwt           PNEC Sedimet (freshwater)         0.203 mg/kg dwt           PNEC Sedimet (freshwater)         0.203 mg/kg dwt           PNEC (Sedimet)         0.000 mg/l           Sodiut Lauryl Sulphate (121880-35-5)         DNEL/DMEL (Morkers)           Long-term - systemic effects, inhalation         285 mg/m³           Long-term - systemic effects, inhalation         >= mg/m³           Long-term - systemic effects, inhalation         >= mg/m³           Long-term - systemic effects, inhalation         85 mg/m³	DNEL/DMEL (General population)	
Long-term - systemic effects, dermal         1650 mg/kg bodyweight/day           PNEC (Water)            PNEC aqua (freshwater)         0.013 mg/l           PNEC aqua (freshwater)         0.071 mg/l           PNEC aqua (marine water)         0.071 mg/l           PNEC aqua (marine water)         0.071 mg/l           PNEC sediment (freshwater)         0.0203 mg/kg dwt           PNEC sediment (marine water)         0.203 mg/kg dwt           PNEC (Soli)            PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC (Soli)            PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.028 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         285 mg/m <sup>2</sup> Durg-term - systemic effects, inhalation         28 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         2 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         24 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         85 mg/m <sup>3</sup> PNEC (Water)         0.0782 mg/l           PNEC aqua (reshwater)         0.078	Long-term - systemic effects,oral	15 mg/kg bodyweight/day
Long-term - systemic effects, dermal         1650 mg/kg bodyweight/day           PNEC (Water)            PNEC aqua (freshwater)         0.013 mg/l           PNEC aqua (freshwater)         0.071 mg/l           PNEC aqua (marine water)         0.071 mg/l           PNEC aqua (marine water)         0.071 mg/l           PNEC sediment (freshwater)         0.0203 mg/kg dwt           PNEC sediment (marine water)         0.203 mg/kg dwt           PNEC (Soli)            PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC (Soli)            PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.203 mg/kg dwt           PNEC Sediment (marine water)         0.028 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         285 mg/m <sup>2</sup> Durg-term - systemic effects, inhalation         28 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         2 mg/m <sup>3</sup> Long-term - systemic effects, inhalation         24 mg/kg bod/weight/day           Long-term - systemic effects, inhalation         85 mg/m <sup>3</sup> PNEC (Water)         0.0782 mg/l           PNEC aqua (reshwater)         0.078	Long-term - systemic effects, inhalation	
PNEC (Water)       0.13 mg/l         PNEC aqua (marine water)       0.013 mg/l         PNEC aqua (marine water)       0.013 mg/l         PNEC aqua (intermittent, freshwater)       0.071 mg/l         PNEC sediment (freshwater)       0.023 mg/kg dwt         PNEC sediment (freshwater)       0.203 mg/kg dwt         PNEC sediment (freshwater)       0.328 mg/kg dwt         PNEC sediment (freshwater)       0.007 mg/l         DNEL/DMEL (Vorkers)       245 mg/m <sup>2</sup> Long-term - systemic effects, inhalation       245 mg/m <sup>2</sup> Long-term - systemic effects, inhalation       244 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       244 mg/kg bodyweight/day         PNEC sediment (freshwater)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.0782 mg/l         PNEC sediment (freshwater)       0.0782 mg/l	Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day
PNEC aqua (treshwater)         0.13 mg/l           PNEC aqua (marine water)         0.011 mg/l           PNEC aqua (tremittent, freshwater)         0.071 mg/l           PNEC sediment (treshwater)         0.203 mg/kg dwt           PNEC sediment (treshwater)         0.203 mg/kg dwt           PNEC sediment (treshwater)         0.203 mg/kg dwt           PNEC (soli)	PNEC (Water)	
PNEC aqua (marine water)     0.013 mg/l       PNEC aqua (intermittent, treshwater)     0.017 mg/l       PNEC (sediment)     2.03 mg/kg dwt       PNEC sediment (marine water)     0.038 mg/kg dwt       PNEC sediment (marine water)     0.328 mg/kg dwt       PNEC sediment (marine water)     0.328 mg/kg dwt       PNEC sediment (marine water)     0.328 mg/kg dwt       PNEC sevage treatment plant     10000 mg/l       Sodium Lauryl Sulphate (1231880-35-5)     DNEL/DMEL (Workers)       DNEL/DMEL (Workers)     285 mg/m³       Long-term - systemic effects, inhalation     285 mg/m³       DNEL/DMEL (General population)     244 mg/kg bodyweight/day       Long-term - systemic effects, inhalation     28 mg/m³       Long-term - systemic effects, inhalation     244 mg/kg bodyweight/day       Long-term - systemic effects, inhalation     244 mg/kg bodyweight/day       Long-term - systemic effects, inhalation     244 mg/kg bodyweight/day       Long-term - systemic effects, effects, dermal     2440 mg/kg bodyweight/day       Long-term - systemic effects, effects, dermal     2440 mg/kg bodyweight/day       Long-term - systemic effects, effects, dermal     2440 mg/kg bodyweight/day       Long-term - systemic effects, dermal     0.0782 mg/l       PNEC aqua (freshwater)     0.00782 mg/l       PNEC sediment (marine water)     0.00782 mg/l       PNEC Se		0.13 mg/l
PNEC quua (intermittent, freshwater)       0.071 mg/l         PNEC (Sediment)       2.03 mg/kg dwt         PNEC sediment (freshwater)       0.203 mg/kg dwt         PNEC (Soli)       0.203 mg/kg dwt         PNEC (Soli)       0.328 mg/kg dwt         Sodium Laryl Sulphate (1231880-35-5)       DDNEL/DMEL (Morkers)         DNEL/DMEL (Morkers)       255 mg/m³         Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       4060 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       255 mg/m³         DNEL/DMEL (General population)       244 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       25 mg/m³         Long-term - systemic effects, inhalation       25 mg/m³         Long-term - systemic effects, inhalation       25 mg/kg         Degreer - systemic effects, inhalation       26 mg/s         Long-term - systemic effects, inhalation       26 mg/s         PNEC aqua (marine water)       0.0782 mg/l         PNEC aqua (freshwater)	• • •	
PNEC (Sediment)       2.03 mg/kg dwt         PNEC sediment (freshwater)       0.203 mg/kg dwt         PNEC sediment (marine water)       0.203 mg/kg dwt         PNEC (Soil)       0.328 mg/kg dwt         Sodium Lauryl Sulphate (1231880-35-5)       DNEL/DMEL (Workers)         Long-tern - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       245 mg/kg bodyweight/day         Long-tern - systemic effects, inhalation       28 mg/m³         Long-tern - systemic effects, oral       24 mg/kg bodyweight/day         Long-tern - systemic effects, dermal       24 dvn mg/kg bodyweight/day         Long-tern - systemic effects, dermal       24 dvn mg/kg bodyweight/day         PNEC Qua (freshwater)       0.0782 mg/l         PNEC Qua (freshwater)       0.0782 mg/l         PNEC qua (infreshwater)       0.036 mg/l         PNEC Sediment (freshwater)       0.452 mg/kg dwt </td <td></td> <td></td>		
PNEC sediment (freshwater)       2.03 mg/kg dwt         PNEC (Soil)       0.203 mg/kg dwt         PNEC (Soil)       0.328 mg/kg dwt         PNEC (Soil)       0.328 mg/kg dwt         PNEC (SOIP)       10000 mg/l         Sodium Laryl Sulphate (1231880-35-5)       DNEL/DMEL (Workers)         DNEL/DMEL (Workers)       4060 mg/kg bodyweight/day         Long-term - systemic effects, dermal       4060 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       = mg/m³         Acute - local effects, inhalation       5 = mg/m³         Long-term - systemic effects, oral       2440 mg/kg bodyweight/day         Long-term - systemic effects, oral       2440 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, oral       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC quag (freshwater)       0.00782 mg/l         PNEC sediment (freshwater)       0		
PNEC sediment (marine water)       0.203 mg/kg dwt         PNEC (Soli)		2.03 mg/kg dwt
PNEC (Soil)       0.328 mg/kg dwt         PNEC Soil       0.328 mg/kg dwt         PNEC (STP)       PNEC sewage treatment plant       10000 mg/l         Sodium Lauryl Sulphate (1231880-35-5)       DNEL/DMEL (Workers)       DNEL/DMEL (Workers)         Long-term - systemic effects, dermal       4060 mg/kg bodyweight/day       DNEL/DMEL (General population)         Acute - local effects, inhalation       >= mg/m³       DNEL/DMEL (General population)         Acute - local effects, inhalation       >= mg/m³       DNEL/DMEL (General population)         Acute - local effects, inhalation       >= mg/m³       DNEL/DMEL (General population)         Long-term - systemic effects, inhalation       >= mg/m³       DNEL/DMEL (General population)         Long-term - systemic effects, inhalation       85 mg/m³       DNEL/DMEL (General population)         Long-term - systemic effects, inhalation       85 mg/m³       DNET/DMEL (Section (Comparison of the systemic effects) (Comparison of th	· · · · · ·	
PNEC soil       0.328 mg/kg dwt         PNEC sewage treatment plant       10000 mg/l         Sodium Lauryl Sulphate (1231880-35-5)       DNEL/DMEL (Workers)         DNEL/DMEL (Workers)       285 mg/m <sup>3</sup> Long-term - systemic effects, inhalation       285 mg/m <sup>3</sup> DNEL/DMEL (General population)       244 mg/kg bodyweight/day         Acute - local effects, inhalation       >= mg/m <sup>3</sup> Long-term - systemic effects, inhalation       Se mg/n <sup>3</sup> Long-term - systemic effects, inhalation       0.0782 mg/l         PNEC Quay (reshwater)       0.0782 mg/l         PNEC qauga (intermittent, freshwater)       0.036 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC Sediment (freshwater)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Sewage treatment plant       1084 mg/l         2.       Exposure controls       :         2.1.       Appropriate engineering controls       :       Not ap		
PNEC (STP)     10000 mg/l       Sodium Lauryl Sulphate (1231880-35-5)     DNEL/DMEL (Workers)       Long-term - systemic effects, inhalation     285 mg/m <sup>3</sup> DNEL/DMEL (General population)     285 mg/m <sup>3</sup> Acute - local effects, inhalation     >= mg/m <sup>3</sup> Long-term - systemic effects, inhalation     385 mg/m <sup>3</sup> DNEL/DMEL (General population)     Acute - local effects, inhalation       Acute - local effects, inhalation     >= mg/m <sup>3</sup> Long-term - systemic effects, oral     2440 mg/kg bodyweight/day       Long-term - systemic effects, oral     2440 mg/kg bodyweight/day       PNEC (Water)     0.0782 mg/l       PNEC aqua (marine water)     0.00782 mg/l       PNEC aqua (intermittent, freshwater)     0.036 mg/l       PNEC sediment (freshwater)     4.52 mg/kg dwt       PNEC (Sediment)     PNEC Sediment (marine water)       PNEC Sediment (marine water)     0.452 mg/kg dwt       PNEC (Soil)     0.86 mg/kg dwt       PNEC Sevage treatment plant     1084 mg/l       2.     Exposure controls     : Not applicable.       2.1.     Appropriate engineering controls     : Not applicable.       2.2.     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     : No		0.328 ma/ka dwt
PNEC sewage treatment plant       10000 mg/l         Sodium Lauryl Sulphate (1231880-35-5)       DNEL/DMEL (Workers)         DNEL/DMEL (Workers)       285 mg/m³         Long-term - systemic effects, inhalation       285 mg/m³         DNELD/DMEL (General population)       247 mg/kg bodyweight/day         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, inhalation       24 mg/kg bodyweight/day         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         Long-term - systemic effects, dermal       24 mg/kg bodyweight/day         PNEC qaue (freshwater)       0.0782 mg/l         PNEC aqua (freshwater)       0.036 mg/l         PNEC sediment)       0.036 mg/l         PNEC sediment (freshwater)       0.036 mg/l         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls       : Not applicable.         2.1.       Appropriate engineering controls       : Not applicable.         2.2.       Personal protective equipment       Protective personal equipment only requirer in case of professional use of for large packs (not for household packs). For consumer use please follow recommendat		0.020 mg/kg dwt
Sodium Lauryl Sulphate (1231880-35-5)         DNEL/DMEL (Workers)         Long-term - systemic effects, dermal       4060 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       225 mg/m³         DNEL/DMEL (General population)       225 mg/m³         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC qaua (freshwater)       0.036 mg/l         PNEC aqua (marine water)       0.00782 mg/l         PNEC sediment)       0.036 mg/l         PNEC sediment (freshwater)       0.452 mg/kg dwt         PNEC seadiment (marine water)       0.452 mg/kg dwt         PNEC seadiment (marine water)       0.452 mg/kg dwt         PNEC seadiment (plant       1084 mg/l         22       Exposure controls       : Not applicable.         2.1.       Appropriate engineering controls       : Not applicable.      <		10000 mg/l
DNEL/DMEL (Workers)         Long-term - systemic effects, dernal       4060 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       Acute - local effects, inhalation         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dernal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC qaua (marine water)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC Sediment (freshwater)       0.036 mg/kg dwt         PNEC Sediment (marine water)       0.452 mg/kg dwt         PNEC Soil       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.87 mg/kg dwt         PNEC Server controls       : <td></td> <td>10000 mg/i</td>		10000 mg/i
Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       >= mg/m³         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       >= mg/m³         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC sediment       0.0782 mg/kg dwt         PNEC sediment (freshwater)       0.036 mg/k g dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC soli       0.86 mg/kg dwt         PNEC Soli)       0.86 mg/kg dwt         PNEC Soli       0.86 mg/kg dwt         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls       : Not applicable.         2.1.       Appropriate engineering controls       : Not applicable.         2.2.       Personal protective equipment       Froestive 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	Sodium Lauryl Sulphate (1231880-35-5)	
Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       >= mg/m³         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       >= mg/m³         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC sediment       0.0782 mg/kg dwt         PNEC sediment (freshwater)       0.036 mg/k g dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC soli       0.86 mg/kg dwt         PNEC Soli)       0.86 mg/kg dwt         PNEC Soli       0.86 mg/kg dwt         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls       : Not applicable.         2.1.       Appropriate engineering controls       : Not applicable.         2.2.       Personal protective equipment       Froestive 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	DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation       285 mg/m³         DNEL/DMEL (General population)       Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, analation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC QWater)       0.0782 mg/l         PNEC aqua (freshwater)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.00782 mg/l         PNEC sediment (freshwater)       0.00782 mg/l         PNEC sediment (freshwater)       0.452 mg/kg dwt         PNEC Sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.86 mg/kg dwt         PNEC Sevice controls       0.86 mg/kg dwt         PNEC Sewage treatment plant       1084 mg/l         2.1. Appropriate engineering controls       : Not applicable.         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.		4060 mg/kg bodyweight/day
DNEL/DMEL (General population)         Acute - local effects, inhalation       >= mg/m³         Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dernal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.0782 mg/l         PNEC aqua (intermittent, freshwater)       0.0036 mg/l         PNEC Sediment)       0.0368 mg/l         PNEC Sediment (Ireshwater)       0.452 mg/kg dwt         PNEC Sediment (Ireshwater)       0.452 mg/kg dwt         PNEC Sediment (marine water)       0.452 mg/kg dwt         PNEC Sediment (marine water)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Sediment plant       1084 mg/l         PNEC Sevage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.	Long-term - systemic effects, inhalation	285 mg/m <sup>3</sup>
Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.036 mg/l         PNEC Sediment       0.0452 mg/kg dwt         PNEC Sediment (freshwater)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Severe controls       1084 mg/l         2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.	DNEL/DMEL (General population)	
Long-term - systemic effects, oral       24 mg/kg bodyweight/day         Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.00782 mg/l         PNEC Sediment       0.036 mg/l         PNEC Sediment       0.0452 mg/kg dwt         PNEC Sediment (freshwater)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Severe controls       1084 mg/l         2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.	Acute - local effects, inhalation	$>= ma/m^3$
Long-term - systemic effects, inhalation       85 mg/m³         Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.00782 mg/l         PNEC aqua (marine water)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.00782 mg/l         PNEC (Sediment)       0.036 mg/l         PNEC Sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC sediment plant       1084 mg/l         2       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.		
Long-term - systemic effects, dermal       2440 mg/kg bodyweight/day         PNEC (Water)       0.0782 mg/l         PNEC aqua (freshwater)       0.00782 mg/l         PNEC aqua (marine water)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC sediment)       0.036 mg/l         PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Sewage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.		
PNEC (Water)       0.0782 mg/l         PNEC aqua (irtermittent, freshwater)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC sediment)       9.036 mg/l         PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Soil       0.86 mg/kg dwt         PNEC Sewage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.	<b>o i</b>	
PNEC aqua (freshwater)       0.0782 mg/l         PNEC aqua (marine water)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC (Sediment)       4.52 mg/kg dwt         PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.		
PNEC aqua (marine water)       0.00782 mg/l         PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC (Sediment)       4.52 mg/kg dwt         PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.452 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         PNEC sewage treatment plant         1084 mg/l         2.         Exposure controls         2.1. Appropriate engineering controls         2.1. Appropriate engineering controls         2. Not applicable.         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.		0 0782 ma/l
PNEC aqua (intermittent, freshwater)       0.036 mg/l         PNEC (Sediment)       4.52 mg/kg dwt         PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.452 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       0.86 mg/kg dwt         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.		
PNEC (Sediment)       4.52 mg/kg dwt         PNEC sediment (freshwater)       0.452 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls         2.1.       Appropriate engineering controls       : Not applicable.         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.		
PNEC sediment (freshwater)       4.52 mg/kg dwt         PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.		
PNEC sediment (marine water)       0.452 mg/kg dwt         PNEC (Soil)       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         PNEC sewage treatment plant       1084 mg/l         2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.		4.52 malka dut
PNEC (Soil)       0.86 mg/kg dwt         PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         PNEC sewage treatment plant       1084 mg/l         .2.1. Appropriate engineering controls       : Not applicable.         .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.	· · · · ·	
PNEC soil       0.86 mg/kg dwt         PNEC (STP)       1084 mg/l         2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.		U.452 MU/KY UWI
PNEC (STP)         PNEC sewage treatment plant         1084 mg/l         2.         Exposure controls         .2.1. Appropriate engineering controls         .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.		
PNEC sewage treatment plant       1084 mg/l         .2.       Exposure controls         .2.1.       Appropriate engineering controls       : Not applicable.         .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.		U.86 mg/kg dwt
Exposure controls         .2.1. Appropriate engineering controls       : Not applicable.         .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.		
<ul> <li>Appropriate engineering controls : Not applicable.</li> <li>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.</li> </ul>	PINEC sewage treatment plant	1084 mg/l
<ul> <li>Appropriate engineering controls : Not applicable.</li> <li>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.</li> </ul>		
<ul> <li>2.2. Personal protective equipment</li> <li>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.</li> <li>Hand protection : Not applicable.</li> </ul>		
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.	3.2.1. Appropriate engineering controls	: Not applicable.
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.	3.2.2. Personal protective equipment	
please follow recommendation as indicated on the label of the product. Hand protection : Not applicable.		equired in case of professional use or for large packs (not for household packs). For consumer use
Hand protection : Not applicable.		
	•	
	Eve protection	· Wear eve/face protection

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Safety Data Sheet

according to Regulation (EC) No. 453/2010

Skin and body protection Respiratory protection Not applicable. Not applicable.

8.2.3. Environmental exposure controls

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		
ρH	9		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	95 - 100	°C	
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		
Viscosity	1000	сР	
Explosive properties	No additional information available		
Oxidising properties	No additional information available		

## 9.2. Other information

No additional information available

SECTION	SECTION 10: Stability and reactivity		
10.1.	Reactivity		
No dange	erous reactions known.		
10.2.	Chemical stability		
Stable ur	nder normal conditions.		
10.3.	Possibility of hazardous reactions		
Refer to	section 10.1 on Reactivity.		
10.4.	Conditions to avoid		
Not requi	red for normal conditions of use.		
10.5.	Incompatible materials		
Not appli	Not applicable.		
10.6.	Hazardous decomposition products		
	None under normal use.		
SECTION	ON 11: Toxicological informatic	on	
11.1.	Information on toxicological effects		
Acute to	icity	: Not classified	

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FAIRY Professional Original			
LD50 oral calculated	> 2000 mg/kg		
Lauramine Oxide (308062-28-4)			
LD50 oral rat	1064 mg/kg OECD 401		
LD50 dermal rat	> 2000 mg/kg OECD 402		
ATE CLP (oral)	1064 mg/kg bodyweight		
,			
Sodium C12-14 Alkyl Sulfate (85586-07-8)	T		
LD50 oral rat	2000 mg/kg		
LD50 dermal rabbit	> 500 mg/kg		
ATE CLP (oral)	2000 mg/kg bodyweight		
Sodium C12-14 Pareth-3 Sulfate (68891-38-3			
LD50 oral rat	4100 mg/kg		
LD50 dermal rat	2001 mg/kg		
ATE CLP (oral)	4100 mg/kg bodyweight		
ATE CLP (dermal)	2001 mg/kg bodyweight		
Sodium Laureth Sulfate (161074-79-9)			
LD50 oral rat	3900 mg/kg OECD 401		
LD50 dermal rabbit	> 2000 mg/kg		
ATE CLP (oral)	3900 mg/kg bodyweight		
Sodium Lauryl Sulphate (1231880-35-5)			
LD50 oral rat	1063 mg/kg		
LD50 dermal rat	> 500 mg/kg bodyweight		
ATE CLP (oral)	1063 mg/kg bodyweight		
Skin corrosion/irritation	: Not classified		
	pH: 9		
Serious eye damage/irritation	: Causes serious eye irritation.		
	pH: 9		
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	: 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.		
<b>SECTION 12: Ecological information</b>			
12.1. Toxicity			
Ecology - general	: No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		
Lauramine Oxide (308062-28-4)			
LC50 fishes 1	2.67 mg/l Pimephales promelas; pH 7.9		

LC50 fishes 1	2.67 mg/l Pimephales promelas; pH 7.9
LC50 other aquatic organisms 1	188.7 mg/l Pseudomonas putida
EC50 Daphnia 1	3.1 mg/l OECD 202; Daphnia magna
ErC50 (algae)	0.205 mg/l Pseudokirchnerella subcapitata
NOEC chronic fish	0.42 mg/l Pimephales promelas
NOEC chronic crustacea	0.7 mg/l Daphnia magna

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Sodium C12-14 Alkyl Sulfate (85586-07-8)		
LC50 fishes 1	3.6 mg/l OECD 203; Oncorhynchus mykiss	
EC50 Daphnia 1	4.7 mg/l Daphnia magna	
EC50 other aquatic organisms 1	1083.85 mg/l EC10; Pseudomonas	
ErC50 (algae)	> 20 mg/l Desmodesmus subspicatus	
NOEC chronic fish	0.371 mg/l Pimephales promelas	
NOEC chronic crustacea	0.88 mg/l Ceriodaphnia dubia	
NOEC chronic algae	0.6 mg/l Desmodesmus subspicatus	
Sodium Laureth Sulfate (161074-79-9)		
LC50 fishes 1	7.1 mg/l OECD 203; Danio rerio	
EC50 Daphnia 1	7.4 mg/l OECD 202; Daphnia magna	
EC50 other aquatic organisms 1	> 10 g/l Pseudomonas putida	
ErC50 (algae)	27.7 mg/l OECD 201; Desmodesmus subspicatus	
NOEC chronic fish	1 mg/l OECD 203; Pimephales promelas	
NOEC chronic crustacea	0.27 mg/l Daphnia magna	
NOEC chronic algae	0.95 mg/l OECD 201; Desmodesmus subspicatus	
Sodium Lauryl Sulphate (1231880-35-5)		
LC50 fishes 1	3.6 mg/l OECD 203; Oncorhynchus mykiss	
LC50 other aquatic organisms 1	1083.85 mg/l EC10; Pseudomonas putida	
EC50 Daphnia 1	4.7 mg/l Daphnia magna	
ErC50 (algae)	20 mg/l Desmodesmus subspicatus	
NOEC chronic fish	0.11 mg/l Pimephales promelas	
NOEC chronic crustacea	0.14 mg/l OECD 202.2; Daphnia magna	
NOEC chronic algae	0.6 mg/l Desmodesmus subspicatus	

#### Persistence and degradability 12.2.

Lauramine Oxide (308062-28-4)				
Persistence and degradability	sistence and degradability The substance is biodegradable. Unlikely to persist.			
Biodegradation	90 % OECD 301 B			
Sodium C12-14 Alkyl Sulfate (85586-07-8)				
Persistence and degradability	The substance is biodegradable. Unlikely to persist.			
Biodegradation	75.7 % Ceriodaphnia dubia			
Sodium Laureth Sulfate (161074-79-9)				
BOD (% of ThOD)	65 % ThOD OECD 306			
Sodium Lauryl Sulphate (1231880-35-5)				
BOD (% of ThOD)	95.3 % ThOD OECD 202.2; Daphnia magna			
12.3. Bioaccumulative potential				
Lauramine Oxide (308062-28-4)				
Log Pow	< 2.7			
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).			
Sodium C12-14 Alkyl Sulfate (85586-07-8)				
Bioconcentration factor (BCF REACH)	5.3			
Log Pow	< -2.42			
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).			
Sodium Laureth Sulfate (161074-79-9)				
Log Pow	1.5			
Log Kow	<= 3			
Sodium Lauryl Sulphate (1231880-35-5)				
Log Pow	1.69 - 1.9			
Log Kow	<= 3			
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).			
12.4. Mobility in soil				
Lauramine Oxide (308062-28-4)				
Mobility in soil	307 OECD 106; 23.6 C			

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Sodium C12-14 Alkyl Sulfate (85586-07-8)		
Mobility in soil	316	
Sodium Lauryl Sulphate (1231880-35-5)		
Mobility in soil	608 - 642 25 C	
2.5. Results of PBT and vPvB assessment		
FAIRY Professional Original		
Results of PBT assessment	No presence of PBT and vPvB ingredients	
Component		
Alcohol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Sodium Hydroxide (1310-73-2)	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	
Lauramine Oxide (308062-28-4)	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	
Sodium C12-14 Alkyl Sulfate (85586-07-8)	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	
Sodium Laureth Sulfate (161074-79-9)	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 Lauryl Sulphate (1231880-35-5)	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 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	<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>

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.	5. Environmental hazards			
Not appl	icable			
14.6.	.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 appl	icable			
SECTI	SECTION 15: Regulatory information			

Ingredient label

: 15-30% Anionic surfactants; 5-15% Non-ionic surfactants; Methylisothiazolinone, Phenoxyethanol, Perfumes.

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

### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

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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         No additional information available	a h	he surfactant(s) contained in this preparation complies(comply) with the biodegradability crite s laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are eld at the disposal of the competent authorities of the Member States and will be made vailable to them, at their direct request or at the request of a detergent manufacturer.
15.2. Chemical safety assessment         No chemical safety assessment has been carried out         SECTION 16: Other information         16.1. Indication of changes       : Not applicable         Indication of changes         Indication of changes         Not applicable         Indication of changes         Indication of changes         Not applicable         Indication of changes         Indication 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 according to Regulation (ICP) No. 1272/2008 [CLP]         Classification according to Regulation (ICP) No. 1272/2008 [CLP]<	tional regulations	
No chemical safety assessment has been carried out  SECTION 16: Other information  16.1. Indication of changes Indication according to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] Classification according to Regulation (EC) No. 1272/2008 [CLP] Indication according to Regulation for mixtures according to Regulation (EC) No. 1272/2008 [CLP] Indication according to Regulation (IC) No. 1272/200	information available	
Indication of changes       : Not applicable <b>16.2.</b> Abbreviations and acronyms         No additional information available <b>16.3.</b> Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008 [CLP]       Classification procedure         Eye Irrit. 2       On basis of test data         Aquatic Chronic 3       Calculation method         Icase       Calculation method         Icase Chronic 2       Hazardous to the aquatic environment — AcuteHazard, Category 1         Aquatic Chronic 3       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         Eye Dam. 1       Serious eye damage/eye irritation, Category 2         IM302       Harmful if swallowed         H315       Causes serious eye dirange         H318       Causes serious eye irritation         H410       Toxic to aquatic life with long lasting effects         H411       Toxic to aquatic life with long lasting effects         R42       Harmful if swallowed         R38       Irritating to eyes         R38       Irritating to eyes         R38       Irritating to eyes	emical safety assessment	
16.1.       Indication of changes       : Not applicable         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       On basis of test data         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 (Oral)       Acute toxicity (oral), Category 4         Aquatic Chronic 2       Hazardous to the aquatic environment — AcuteHazard, Category 2         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 3         Eye Dam. 1       Serious eye damage/eye irritation, Category 1         Eye Dam. 1       Serious eye damage/eye irritation, Category 2         Skin Irrit. 2       Serious eye damage/eye irritation, Category 2         Skin Irrit. 2       Serious eye damage/eye irritation, Category 2         H315       Causes serious eye irritation         H316       Causes serious eye irritation, Category 2         H317       Causes serious eye irritation </td <td>safety assessment has been carried out</td> <td></td>	safety assessment has been carried out	
16.1.       Indication of changes       : Not applicable         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       On basis of test data         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 (Oral)       Acute toxicity (oral), Category 4         Aquatic Chronic 2       Hazardous to the aquatic environment — AcuteHazard, Category 2         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 3         Eye Dam. 1       Serious eye damage/eye irritation, Category 1         Eye Dam. 1       Serious eye damage/eye irritation, Category 2         Skin Irrit. 2       Skin corrosion/irritation, Category 2         H315       Causes serious eye damage         H316       Causes serious eye damage         H317       Causes serious eye irritation         H318       Causes serious eye irritation         H4400       Very toxic	16: Other information	
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 [CLF]         Classification according to Regulation (EC) No. 1272/2008 [CLF]       Classification procedure         Eye Irrit. 2       On basis of test data         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 (Oral)       Acute toxicity (oral). Category 4         Aquatic Chronic 2       Hazardous to the aquatic environment — AcuteHazard, Category 1         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 1         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 1         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 1         Eye Dam. 1       Serious eye damage/eye irritation, Category 1         Eye Dam. 1       Serious eye damage/eye irritation, Category 2         H302       Harmful if swallowed         H315       Causes skin irritation         H318       Causes serious eye irritation         H400       Very toxic to aquatic life with long lasting effects         H411       Toxic to aquatic life with l		
No additional information available         16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLF]         Classification according to Regulation (EC) No. 1272/2008 [CLP]       Classification procedure         Eye Irrit. 2       On basis of test data         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 (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         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       Skin corrosion/irritation, Category 2         Skin Irrit. 2       Harmful if swallowed         H315       Causes serious eye damage         H318       Causes serious eye damage         H319       Causes serious eye damage         H411       Toxic to aquatic life         H412       Harmful if swallowed         R36       Irritating to skin         R41       Risk of serious damage to eyes         R36	changes : N	lot applicable
No additional information available         16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLF]         Classification according to Regulation (EC) No. 1272/2008 [CLP]       Classification procedure         Eye Irrit. 2       On basis of test data         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 (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 — AcuteHazard, Category 2         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       Skin corrosion/irritation, Category 2         Skin Irrit. 2       Skin corrosion/irritation, Category 2         H302       Harmful if swallowed         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         H32       Harmful if swallowed         R36       Irritating to eyes <td>breviations and acronyms</td> <td></td>	breviations and acronyms	
16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLF]         Classification according to Regulation (EC) No. 1272/2008 [CLP]       Classification procedure         Eye Irrit. 2       On basis of test data         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 (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         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       Skin corrosion/irritation, Category 2         Harmful if swallowed       H315         H318       Causes serious eye damage         H319       Causes serious eye damage         H411       Toxic to aquatic life with long lasting effects         H412       Harmful to aquatic life with long lasting effects         R42       Harmful if swallowed         R36       Irritating to eyes         R38       Irritating to skin         R41       Risk of serious damage to eyes		
Classification according to Regulation (EC) No. 1272/2008 [CLP]         Classification procedure           Eye Irrit. 2         On basis of test data           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 (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           Aquatic Chronic 3         Hazardous to the aquatic environment — Chronic Hazard, Category 3           Eye Dam. 1         Serious eye damage/eye irritation, Category 2           Kin Irrit. 2         Skin corrosion/irritation, Category 2           H302         Harmful if swallowed           H318         Causes serious eye damage           H319         Causes serious eye irritation           H411         Toxic to aquatic life with long lasting effects           H412         Harmful if swallowed           R36         Irritating to eyes           R38         Irritating to eyes           R38         Irritating to skin           R41         Risk of serious damage to eyes           R36         Very toxic to aquatic life organisms	estification and procedure used to de	ive the classification for mixtures according to Regulation (FC) 1272/2008 [CLP]
Eye Irrit. 2       On basis of test data         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 (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         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       Skin corrosion/irritation, Category 2         Skin Irrit. 2       Skin corrosion/irritation, Category 2         H315       Causes serious eye damage         H318       Causes serious eye irritation         H400       Very toxic to aquatic life         H411       Toxic to aquatic life with long lasting effects         H412       Harmful if swallowed         R36       Irritating to eyes         R38       Irritating to skin         R31       Risk of serious damage to eyes         R36       Very toxic to aquatic life with long lasting effects         N       Dangerous for the environment	•	
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 (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         Aquatic Chronic 3       Hazardous to the aquatic environment — Chronic Hazard, Category 3         Eye Dam. 1       Serious eye damage/eye irritation, Category 1         Eye Dam. 1       Serious eye damage/eye irritation, Category 2         Kin Inrit. 2       Skin corrosion/Irritation, Category 2         H302       Harmful if swallowed         H315       Causes serious eye damage         H318       Causes serious eye damage         H411       Toxic to aquatic life         H411       Toxic to aquatic life         H412       Harmful to aquatic life with long lasting effects         R22       Harmful if swallowed         R38       Irritating to eyes         R38       Irritating to eyes         R36       Irritating to skin         R41       Risk of serious damage to eyes         R36       Very toxic to aquatic life environment	on according to Regulation (EO) No. 1	
Image: Second	ronic 3	
Acute Tox. 4 (Oral)Acute toxicity (oral), Category 4Aquatic Acute 1Hazardous to the aquatic environment — AcuteHazard, Category 1Aquatic Chronic 2Hazardous to the aquatic environment — Chronic Hazard, Category 2Aquatic Chronic 3Hazardous to the aquatic environment — Chronic Hazard, Category 3Eye Dam. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Skin Irrit. 2Skin corrosion/irritation, Category 2H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful if swallowedR32Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesNDangerous for the environment	lovant P. nhrasos and/or H. statomonts	(number and full text) for mixture and substances
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Aquatic Chronic 2Hazardous to the aquatic environment — Chronic Hazard, Category 2Aquatic Chronic 3Hazardous to the aquatic environment — Chronic Hazard, Category 3Eye Dam. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Skin Irrit. 2Skin corrosion/irritation, Category 2H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye damageH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful if swallowedR36Irritating to eyesR38Irritating to eyesR50Very toxic to aquatic organismsNDangerous for the environment	( )	
Aquatic Chronic 3Hazardous to the aquatic environment — Chronic Hazard, Category 3Eye Dam. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Skin Irrit. 2Skin corrosion/irritation, Category 2H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye damageH319Causes serious eye irritationH411Toxic to aquatic lifeH412Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesNDangerous for the environment		
Eye Dam. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Skin Irrit. 2Skin corrosion/irritation, Category 2H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye damageH319Causes serious eye irritationH410Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesNDangerous for the environment		
Skin Irrit. 2Skin corrosion/irritation, Category 2H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye damageH319Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful to aquatic life with long lasting effectsR22Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment		
H302Harmful if swallowedH315Causes skin irritationH318Causes serious eye damageH319Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful to aquatic life with long lasting effectsR22Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment	Se	erious eye damage/eye irritation, Category 2
H315Causes skin irritationH318Causes serious eye damageH319Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful to aquatic life with long lasting effectsR22Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment		
H318Causes serious eye damageH319Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful to aquatic life with long lasting effectsR22Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment		
H319Causes serious eye irritationH400Very toxic to aquatic lifeH411Toxic to aquatic life with long lasting effectsH412Harmful to aquatic life with long lasting effectsR22Harmful if swallowedR36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment		
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R36Irritating to eyesR38Irritating to skinR41Risk of serious damage to eyesR50Very toxic to aquatic organismsNDangerous for the environment		
R38     Irritating to skin       R41     Risk of serious damage to eyes       R50     Very toxic to aquatic organisms       N     Dangerous for the environment	Ha	armful if swallowed
R41     Risk of serious damage to eyes       R50     Very toxic to aquatic organisms       N     Dangerous for the environment	Irr	itating to eyes
R50     Very toxic to aquatic organisms       N     Dangerous for the environment		-
N Dangerous for the environment		
· · · · · · · · · · · · · · · · · · ·		
		-
Xn Harmful		

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