SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and its amendment Regulation (EU) 2015/830

Issuing Date 19-Dec-2018

P&G

Professional

Revision date 19-Dec-2018

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Form	Mixture
Product Name	Ariel Professional Compact washing liquid
Product Identifier	91933811_PGP_CLP_EUR_SAW
Synonyms	PA00222296
Product group	Trade Product
1.2 Relevant identified uses of the	substance or mixture and uses advised against
Recommended use	Restricted to professional users
Main user category	SU 22 - Professional uses
Use category	PC35 - Washing and cleaning products (including solvent based products)
Uses advised against	No information available
Product category	Laundry Liquid
1.3 Details of the supplier of the sa	
Details of the supplier of the safety	Procter & Gamble UK Brooklands PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932
data sheet	896000 Fax: 01932 896200
E-mail Address	pgsds.im@pg.com
1.4 Emergency Telephone Number	
Emergency Telephone	(UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

 Serious eye damage/eye irritation
 Category 2 - (H319)

 Chronic aquatic toxicity
 Category 3 - (H412)

For the full text of the H-Statements mentioned in this Section, see Section 16.

Adverse human health effects and symptoms No information available

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008



WARNING

Hazard statements

H412 - Harmful to aquatic life with long lasting effects H319 - Causes serious eye irritation

Precautionary Statements P102 - Keep out of reach of children P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P301 + P312 - IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell P501 - Dispose of contents/container to an appropriate local waste system

EUH208 - Contains Isoeugenol . May produce an allergic reaction.

2.3 Other hazards

Other hazards which do not result No presence of PBT and vPvB ingredients. **in classification**

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical name	CAS No.	EC-No	REACH Registration No	Weight-%	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (chronic)	M-Factor (acute)
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	270-115-0	01-2119489428-22	10 - 20	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
Sodium Laureth Sulfate	68585-34-2	500-234-8		5 - 10	Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
Sodium Laureth Sulfate	91648-56-5	293-918-8		5 - 10	Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
C12-14 Pareth-n	68002-97-1			1 - 5	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
C14-15 Pareth-n	68951-67-7	polymer		1 - 5	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)	1	1
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	287-335-8	01-2119905842-39	1 - 5	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
Lauramine Oxide	308062-28-4	931-292-6	01-2119490061-47	<1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	1	1

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: FIRST AID MEASURES

4.1 Description of first-aid measu	res
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Skin contact	IF ON SKIN: Wash with plenty of water and soap. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
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.
Ingestion	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation Symptoms/injuries after skin contact Symptoms/injuries after eye contac Symptoms/injuries after ingestion	Coughing. Sneezing. Redness. Swelling. Dryness. Itching. It Severe pain. Redness. Swelling. Blurred vision. Oral mucosal or gastro-intestinal irritation. Nausea. Excessive secretion. Diarrhea. Vomiting.		
4.3 Indication of any immediate me	edical attention and special treatment needed		
Refer to section 4.1.			
Section 5: FIRE FIGHTING M	EASURES		
5.1 Extinguishing media			
Suitable extinguishing media	Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO 2).		
Extinguishing Media Which Must Not Be Used For Safety Reasons	Not applicable.		
5.2 Special hazards arising from th	e substance or mixture		
Fire Hazard	No fire hazard. Non-combustible.		
Explosion hazard	Product is not explosive.		
Reactivity	No dangerous reaction known under conditions of normal use.		
5.3 Advice for firefighters			
Special protective equipment for fire-fighters	No specific firefighting instructions required.		

Protective equipment and In case of inadequate ventilation wear respiratory protection.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protectiv	e equipment and emergency procedures
For non-emergency personnel	Wear suitable gloves and eye/face protection.
Advice for emergency responders	Wear suitable gloves and eye/face protection.
	• • •
6.2 Environmental precautions	
Environmental precautions	Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.
6.3 Methods and materials for cont	ainment and cleaning up
Methods for containment	Scoop absorbed substance into closing containers.
Methods for cleaning up	Small quantities of liquid spill:. take up in non-combustible absorbent material and shovel into container for disposal. Large Spills:. contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
Other information	Not applicable.
6.4 Reference to other sections	
Other information	Refer to Sections 8 and 13.
Section 7: HANDLING AND S	TORAGE

7.1 Precautions for safe handling	
Advice on 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, in	cluding any incompatibilities
Technical measures/Storage	Store in original container. Refer to section 10.

conditions

Incompatible products Incompatible materials Prohibitions on mixed storage Requirements for storage rooms and containers

Refer to section 10. Refer to section 10. Not applicable. Store in a cool area. Store in a dry area.

7.3 Specific end uses Refer to section 1.2.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National Occupational Exposure No information available Limits

Derived No Effect Level (DNEL) Workers

Chemical name	CAS No.	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3		85 mg/kg bw/d	6 mg/m³
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3		170 mg/kg bw/d	12 mg/m³
Lauramine Oxide	308062-28-4		11 mg/kg bw/d	6.2 mg/m ³

Chemical name	CAS No.	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3		6 mg/m ³
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3		12 mg/m ³

Consumers

Chemical name	CAS No.	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	0.425 mg/kg bw/d	1.5 mg/m³	
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	0.85 mg/kg bw/d	3 mg/m³	
Lauramine Oxide	308062-28-4	0.44 mg/kg bw/d		

Chemical name	CAS No.	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	1.5 mg/m³	42.5 mg/kg bw/d
C14-15 Pareth-n	68951-67-7	0.005 mg/l	0.05 mg/l
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	3 mg/m³	85 mg/kg bw/d
Lauramine Oxide	308062-28-4	1.53 mg/m³	5.5 mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Chemical name	CAS No.	Fresh Water	Marine water	Intermittent release
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	0.268 mg/L	0.027 mg/L	0.017 mg/L
C14-15 Pareth-n	68951-67-7	0.05 mg/L	0.005 mg/L	
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	0.268 mg/L	0.027 mg/L	0.017 mg/L
Lauramine Oxide	308062-28-4	0.0335 mg/L	0.00335 mg/L	0.0335 mg/L

Chemical name	CAS No.	Freshwater sediment	Marine sediment	Sewage treatment plant
Sodium C10-13 Alkyl	68411-30-3	8.1 mg/kg sediment dw	6.8 mg/kg sediment dw	3.43 mg/L
Benzenesulfonate				
MEA-C10-13 Alkyl	85480-55-3	8.1 mg/kg sediment dw	8.1 mg/kg sediment dw	3.43 mg/L

Benzenesulfonate				
Lauramine Oxide	308062-28-4	5.24 mg/kg sediment	0.524 mg/kg sediment	24 mg/L
		dw	dw	

Chemical name	CAS No.	Soil	air	Oral
Sodium C10-13 Alkyl	68411-30-3	35 mg/kg soil dw		
Benzenesulfonate				
MEA-C10-13 Alkyl	85480-55-3	35 mg/kg soil dw		
Benzenesulfonate				
Lauramine Oxide	308062-28-4	1.02 mg/kg soil dw		

8.2 Exposure controls

Appropriate engineering controls No information available

Personal protective equipment

Hand Protection
Eye Protection
Skin and Body Protection
Respiratory Protection
Thermal hazards
Environmental exposure controls

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. Not applicable. Wear eye/face protection. Not applicable. Not applicable. Not applicable. Prevent that the undiluted product reaches surface waters.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physica	I and chemical propertie	S
Property	Value / Units	Test Method / Notes
Appearance	Liquid	
Physical state	Liquid	
Color	Coloured	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
рН	7 - 9	
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	> 95 °C	
Flash point	No data available	No Flash to Boiling (NFTB)
Relative Evaporation Rate (butylacetate=1)	No data available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not applicable	Not applicable. This property is not relevant for liquid product forms
Upper/lower flammability or explosive limits	No data available	Not available. This property is not relevant for the safety and classification of this product
Vapor pressure	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density	1 - 1.1	
Solubility	Soluble in water	
Partition Coefficient (n-octanol/water)	Not available	Not applicable. This property is not relevant for mixtures
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	100 - 1000 cP	
Explosive properties	No data available	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
Oxidizing properties	No data available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing

properties CLP (Art 14 (2))

9.2 Other information

No information available.		
Y AND REACTIVITY		

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

See section 10.1 on reactivity for more information.

10.4 Conditions to Avoid

None under normal use conditions.

10.5 Incompatible materials

Not applicable.

10.6 Hazardous Decomposition Products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

<u>Mixture</u>

Acute toxicity	Not Classified. Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Not Classified. Based on the available data, the classification criteria are not met.
Serious eye damage/eye irritation	Causes serious eye damage.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. Based on the available data, the classification criteria are not met.
STOT - single exposure	Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure	Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard	Not Classified. Based on the available data, the classification criteria are not met.

Substances in the mixture

Chemical name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Sodium C10-13 Alkyl	68411-30-3	1080 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD	-
Benzenesulfonate			402)	
Sodium Laureth Sulfate	68585-34-2	4100 mg/kg/bw (OECD 401)	>2000 mg/kg/bw (OECD	-
			402)	
C14-15 Pareth-n	68951-67-7	> 300 mg/kg bw	> 2000 mg/kg bw	-
MEA-C10-13 Alkyl	85480-55-3	1080 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD	-
Benzenesulfonate			402)	
Lauramine Oxide	308062-28-4	1064 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD	-
			402)	

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity Ecotoxicity effects

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Acute toxicity

Chemical name	CAS No.	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	1.67 mg/L (US EPA 850.1075; Lepomis macrochirus; 96 h)	127.9 mg/L (88/302/EWG; Desmodesmus subspicatus; 72 h)	2.9 mg/L (OECD 202; Daphnia magna; 48 h)	-
C14-15 Pareth-n	68951-67-7	1.02 mg/L (Guideline not indicated; Pimephales promelas; 96 h)	0.088 mg/L (Guideline: US EPA; Selenastrum capricornutum; 96 h)	Daphnia magna)	> 100 mg/L
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	1.67 mg/L (US EPA, 1975; Lepomis macrochirus; 96 h)	1.44 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	0.92 mg/L (OECD 202; Daphnia magna; 48 h)	-
Lauramine Oxide	308062-28-4	2.67 mg/L (Pimephales promelas; 96 h)	0.266 mg/L (//OECD 201; Pseudokirchneriella subcapitata; 72 h)	3.1 mg/L (OECD 202; Daphnia magna; 48 h)	-

Chronic Toxicity

Chemical name	CAS No.	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	0.23 mg/L (Oncorhynchus mykiss; 72 d)	2.4 mg/L (88/302/EWG; Desmodesmus subspicatus; 3 d)	0.5 mg/L (Ceriodaphnia sp.; 7 d)	
C14-15 Pareth-n	68951-67-7	0.121 mg/L (Guideline not indicated; Pimephales promelas)	< 0.001 mg/L (Guideline: US EPA; Selenastrum capricornutum; 4 d)	0.05 mg/L (Guideline not indicated; Ceriodaphnia dubia; 7 d)	
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	0.23 mg/L (Oncorhynchus mykiss; 72 d)	< 1.28 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)	1.18 mg/L (//OECD 211; Daphnia magna; 21 d)	
Lauramine Oxide	308062-28-4	0.42 mg/L (//US EPA OPPTS 850.1500; Pimephales promelas; 302 d)	0.078 mg/L (//OECD 201; Pseudokirchneriella subcapitata; 3 d)	0.7 mg/L (//OECD 211; Daphnia magna; 21 d)	24 mg/L (Pseudomonas putida; 18 h)

12.2 Persistence and degradability Persistence and degradability

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Chemical name	CAS No.	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Sodium C10-13 Alkyl	68411-30-3	Biodegradable.	85% CO2; OECD 301 B
Benzenesulfonate			
MEA-C10-13 Alkyl	85480-55-3	Biodegradable.	85% CO2; 29 d; OECD 301 B; 70% (10 d)
Benzenesulfonate		_	
Lauramine Oxide	308062-28-4	Biodegradable.	90% CO2; OECD 301 B; > 60% (10 d)
12.3 Bioaccumulative potent	ial		

12.3 Bioaccumulative potential Bioaccumulative potential

Chemical name	CAS No.	Bioaccumulative potential	Octanol/water partition coefficient
Sodium C10-13 Alkyl Benzenesulfonate	68411-30-3	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	1.4
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	1.73
Lauramine Oxide	308062-28-4	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	< 2.7

12.4 Mobility in soil

Mobility

Chemical name	CAS No.	log Koc
MEA-C10-13 Alkyl	85480-55-3	1.167 (QSAR SRC PCKOC v2.0)
Benzenesulfonate		

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects Other adverse effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues/Unused Products	Dispose of in accordance with local regulations.
Disposal Recommendations	The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. 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. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 7.
EWC Waste Disposal No	20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances
13.2 Additional information	

Section 14: TRANSPORT INFORMATION

IMDG

 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code 	Not applicable Not applicable Not applicable Not applicable Not regulated No information available
IATA 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant	Not applicable Not applicable Not applicable Not applicable Not regulated
ADR 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant	Not applicable Not applicable Not applicable Not applicable Not regulated
<u>RID</u> 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group	Not applicable Not applicable Not applicable Not applicable

14.5 Marine pollutant	Not regulated
ADN 14.1 UN Number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant	Not applicable Not applicable Not applicable Not applicable Not regulated

Section 15: REGULATORY INFORMATION

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

EU Regulations Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended	Contains no REACH substances with Annex XVII restrictions.	
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended	Contains no substance on the REACH candidate list.	
Regulation (EC) No. 143/2011 Annex Contains no REACH Annex XIV substances. XIV Substances Subject to Authorisation		
CESIO Recommendations	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.	
Other regulations, restrictions and prohibition regulations	Regulation (EC) No. 648/2004 (Detergents regulation). Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006).	
National regulatory information		

15.2 Chemical Safety Assessment		
	No chemical safety assessment has been carried out for this mixture per REACH regulation.	

Section 16: OTHER INFORMATION

16.1 Indication of changes	
Issuing Date	19-Dec-2018
Revision date	19-Dec-2018
Revision Note	Not applicable

16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ATE: Acute Toxicity Estimate DNEL: Derived No Effect Level IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods Code LC50: Lethal Concentration to 50% of a test population LD50: Lethal Dose to 50% of a test population (Median Lethal Dose) OEL: Occupational Exposure Limit PBT: Persistent, Bioaccumulative and Toxic substance PNEC(s): Predicted No Effect Concentration(s) REACH- Registration, Evaluation and Authorization of Chemicals vPvB: Very Persistent and Very Bioaccumulative

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

Serious eye damage/eye irritation Category 2 Expert judgment and weight of evidence determination Chronic aquatic toxicity GHS Physical Hazard 3 Category 3 - Calculation method GHS Physical Hazard 2

16.4 Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

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

H412 - Harmful to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

and its amendment Regulation (EU) 2015/830

16.5 Training Advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6 Further information

Salts listed in Section 3 without a REACh Registration number are exempt, based on Annex V.

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.

End of SDS