

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Comfort Professional Concentrated Sunshiny Days

Revision: 2020-06-21

Version: 08.0

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

1.1 Product identifier

Trade name: Comfort Professional Concentrated Sunshiny Days Comfort is a registered trade mark and is used under licence of Unilever

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

AISE-P105 - Conditioner (softener/starch). Semi-automatic process AISE-P106 - Conditioner (softener/starch). Manual process AISE-C3 - Fabric conditioners (liquid regular, liquid concentrate) for consumer use Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

Contact details

Diversey Ltd Weston Favell Centre, Northampton NN3 8PD, United Kingdom Tel: 01604 405311, Fax: 01604 406809 Regulatory Email: customerservice.uk@diversey.com

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) For medical or environmental emergency only: call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as hazardous

2.2 Label elements

Contains 1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (DMDM Hydantoin)

Hazard statements:

EUH208 - May produce an allergic reaction.

Precautionary statements:

P102 - Keep out of reach of children.

Further indications on the label:

Contains: preservative.

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	295-344-3	91995-81-2	-	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)		3-10

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[6] Exempted: biocidal active. See Article 15a of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures	
Inhalation:	Get medical attention or advice if you feel unwell.
Skin contact:	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
Eye contact:	Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.
4.2 Most important symptoms and eff	ects, both acute and delayed
Inhalation:	No known effects or symptoms in normal use.
Skin contact:	No known effects or symptoms in normal use.

Ingestion: No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

No known effects or symptoms in normal use.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Eve contact:

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known. 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless adviced by Diversey. Wash hands thoroughly after handling. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep out of reach of children.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

Human exposure DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
fatty acids, C10-20 and C16-18-unsatd., reaction products with	No data available	No data available	No data available	No data available
triethanolamine, di-Me sulfate-quaternized				

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available

Environmental exposure

nvironmental exposure - PNEC					
Ingredient(s)	Surface water, fresh	Surface water, marine	Intermittent (mg/l)	Sewage treatment	
	(mg/l)	(mg/l)		plant (mg/l)	
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available	

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available	No data available	No data available	No data available

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: Appropriate organisational controls:	No special requirements under normal use conditions. Avoid direct contact and/or splashes where possible. Train personnel.
Personal protective equipment	
Eye / face protection:	Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).
Hand protection:	No special requirements under normal use conditions.

No special requirements under normal use conditions. Body protection: No special requirements under normal use conditions. **Respiratory protection:**

No special requirements under normal use conditions. Environmental exposure controls:

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

Physical State: Liquid Colour: Opaque, Yellow Odour: Product specific Odour threshold: Not applicable pH ≈ 3 (neat) Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined

ISO 4316 Not relevant to classification of this product See substance data

Substance data, boiling point			
Ingredient(s)	Value	Method	Atmospheric pressure
	(°C)		(hPa)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me	No data available		
sulfate-quaternized			

Flammability (liquid): Not flammable. Flash point (°C): Not applicable. Sustained combustion: Not applicable. (UN Manual of Tests and Criteria, section 32, L.2)

Evaporation rate: Not determined Flammability (solid, gas): Not applicable to liquids Upper/lower flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

Vapour pressure: Not determined

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available		

Vapour density: Not determined Relative density: ≈ 1.00 (20 °C) Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined Decomposition temperature: Not applicable. Viscosity: ≈ 25 mPa.s (20 °C) Explosive properties: Not explosive. Oxidising properties: Not oxidising.

9.2 Other information Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

Substance data, dissociation constant, if available;

SECTION 10: Stability and reactivity

Method / remark

Not relevant to classification of this product Weight of evidence

Not relevant to classification of this product

Not relevant to classification of this product

See substance data

Method / remark

Method / remark

Method / remark

Method / remark

OECD 109 (EU A.3)

See substance data

the former and the			
Substance data, vapour pressure			
Ingredient(s)	Value	Method	Temperature
	(Pa)		(°C)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me	No data available		
sulfate-quaternized			

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

Reacts with alkali.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixture data:.

Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

Acute toxicity

Acute oral toxicity					
Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	LD 50	> 5000	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/kg)			time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/l)			time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Irritation and corrosivity Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available			
di-Me sulfate-quaternized				

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available			
di-Me sulfate-quaternized				

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available			
di-Me sulfate-quaternized				

Sensitisation Sensitisation by skin contact

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Ingredient(s)	Result	Species	Method	Exposure time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available			
di-Me sulfate-quaternized				

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available			
di-Me sulfate-quaternized				

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available
di-Me sulfate-quaternized	

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
fatty acids, C10-20 and			No data				
C16-18-unsatd.,			available				
reaction products with							
triethanolamine, di-Me							
sulfate-quaternized							

Repeated dose toxicity Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-guaternized		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
fatty acids, C10-20 and C16-18-unsatd., reaction		No data				
products with triethanolamine, di-Me sulfate-quaternized		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
fatty acids, C10-20 and C16-18-unsatd., reaction		No data				
products with triethanolamine, di-Me sulfate-quaternized		available				

Chronic toxicity

Ingredient(s)	Exposure	Endpoint	Value	Species	Method	Exposure	Specific effects and	Remark
	route		(mg/kg bw/d)			time	organs affected	
fatty acids, C10-20 and			No data					
C16-18-unsatd.,			available					
reaction products with								
triethanolamine, di-Me								
sulfate-quaternized								

STOT-single exposure

Ingredient(s)	Affected organ(s)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available
di-Me sulfate-quaternized	

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,	No data available
di-Me sulfate-quaternized	

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity Aquatic short-term toxicity - fish

Aqualic short-term toxicity - lish					
Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
		(iiig/i)			une (n)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Aquatic short-term toxicity - crustacea					
Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/l)	-		time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Aquatic short-term toxicity - marine species					
Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/l)	•		time (days)
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Impact on sewage plants - toxicity to bacteria					
Ingredient(s)	Endpoint	Value	Inoculum	Method	Exposure
		(mg/l)			time
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine,		No data			
di-Me sulfate-quaternized		available			

Aquatic long-term toxicity Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
		(mg/kg dw			time (days)	
		sediment)				
fatty acids, C10-20 and C16-18-unsatd., reaction		No data				
products with triethanolamine, di-Me sulfate-quaternized		available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me					No data available
sulfate-quaternized					

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)							
Ingredient(s)	Value	Method	Evaluation	Remark			
fatty acids, C10-20 and C16-18-unsatd.,	No data available						
reaction products with triethanolamine,							
di-Me sulfate-quaternized							

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
fatty acids, C10-20 and	No data available				
C16-18-unsatd.,					
reaction products with					
triethanolamine, di-Me					
sulfate-quaternized					

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	No data available				

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations						
13.1 Waste treatment methods						
Waste from residues / unused products:	The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.					
European Waste Catalogue:	20 01 30 - detergents other than those mentioned in 20 01 29.					
Empty packaging Recommendation: Suitable cleaning agents:	Dispose of observing national or local regulations. Water, if necessary with cleaning agent.					

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number: Non-dangerous goods

- 14.2 UN proper shipping name: Non-dangerous goods
- 14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

- 14.5 Environmental hazards: Non-dangerous goods
- 14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Non-dangerous goods

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 • Regulation (EC) No 1272/2008 - CLP

• Regulation (EC) No. 648/2004 - Detergents regulation

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

UFI: ECR0-F0A0-W00H-M7YA

Ingredients according to EC Detergents Regulation 648/2004

cationic surfactants 5 - 15 % perfumes, DMDM Hydantoin, Potassium Sorbate, Limonene, Benzyl Salicylate, Hexyl Cinnamal

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

Version: 08.0

SDS code: MS1000514

Reason for revision:

This data sheet contains changes from the previous version in section(s):, 3, 8, 9, 11, 12, 15, 16

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Full text of the H and EUH phrases mentioned in section 3:

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- · H290 May be corrosive to metals.
- H301 Toxic if swallowed.
- · H302 Harmful if swallowed
- H304 May be fatal if swallowed and enters airways. • H314 - Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- · H319 Causes serious eye irritation.
- H320 Causes eye irritation.
- H330 Fatal if inhaled. H331 Toxic if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- · H335 May cause respiratory irritation.
- · H336 May cause drowsiness or dizziness. • H400 - Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- · H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- · EUH071 Corrosive to the respiratory tract.

Abbreviations and acronyms:

AISE - The international Association for Soaps, Detergents and Maintenance Products

DNEL - Derived No Effect Limit

Revision: 2020-06-21

- EUH CLP Specific hazard statement
 PBT Persistent, Bioaccumulative and Toxic
 PNEC Predicted No Effect Concentration
 REACH number REACH registration number, without supplier specific part
 vPvB very Persistent and very Bioaccumulative
 ATE Acute Toxicity Estimate
 LD50 Lethal Dose, 50% / Median Lethal Concentration

- LC50 Lethal Dose, 00% / Median Lethal Concentration
 LC50 Lethal Concentration, 50% / Median Lethal Concentration
 EC50 effective concentration, 50%
 NOEL No observed effect level
 NOAEL No observed adverse effect level
 OECD Organization for Economic Cooperation and Development

End of Safety Data Sheet