

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Ace Ultra for White  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer uses: Private households (= general public = consumers)  
Function or use category : Washing and cleaning products (including solvent based products)

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Fater S.p.a. Via Mare Adriatico, 122 - 65010 Spoltore (Pescara) IT

Tel. +44 (0)2 070973263 (UK)

Email: consumerservice.gb@ace.info

#### 1.4. Emergency telephone number

Emergency number : 8448920111 (UK)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Corrosive to metals, Category 1 H290  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H290 - May be corrosive to metals.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.  
P234 - Keep only in original packaging.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P101 - If medical advice is needed, have product container or label at hand.  
P501 - Dispose of contents/container to an appropriate local waste system, in accordance with local and national regulation.

EUH-statements :

EUH206 - Warning! Do not use together with other products. May release dangerous gases (chlorine).

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

Extra phrases : Ingredients (Regulation (EC) No 648/2004): <5% Anionic surfactants, Chlorine-based bleaching agents; Optical brighteners; Perfumes.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hypochlorite	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	1 - 5	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
sodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2 (REACH-no) 01-2119485498-19	1 - 5	Eye Irrit. 2, H319
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	1 - 5	Met. Corr. 1, H290 Skin Corr. 1A, H314
Alcohols C12-14 (even numbered) ethoxylated (3EO), sulphate, sodium salts; Sodium Laureth Sulfate	(CAS-No.) 9004-82-4 (EC-No.) Not available (REACH-no) Exempted	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
sodium hypochlorite, solution... % Cl active	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	( 5 =<C <= 100) EUH031
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0.5 =<C < 2) Eye Irrit. 2, H319 ( 0.5 =<C < 2) Skin Irrit. 2, H315 ( 2 =<C < 5) Skin Corr. 1B, H314 ( 5 =<C < 100) Skin Corr. 1A, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Rinse with plenty of water. Remove all contaminated clothing and footwear. Call a POISON CENTER/doctor.
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. Seek immediate medical advice. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately call a POISON CENTER/doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: Coughing, sneezes.
Symptoms/effects after skin contact	: Redness. Oedema. May cause skin dryness or cracking. Itching.
Symptoms/effects after eye contact	: Pain. Redness. Oedema. Blurred vision.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract. Irritation of mucous membranes. nausea, vomiting. Diarrhea.

### 4.3. Indication of any immediate medical attention and special treatment needed

(see section(s)) : 4.1.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard. Not combustible.  
Explosion hazard : No direct explosion hazard.  
Reactivity in case of fire : Reacts with (some) acids/bases. Release of (highly) toxic gases/vapours.  
Hazardous decomposition products in case of fire : Toxic vapours are released. Chlorine.

#### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. No special requirements.  
Protective equipment for firefighters : Wear a self contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep away from : acids. Do not use metal containers.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear protective gloves and eye/face protection.

##### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection.

#### 6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent contamination of soil, drains and surface waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Collect in closed containers for disposal. Do not use metal containers.  
Methods for cleaning up : In case of large spillages: Small spillages: Collect the residue by means of a non-combustible absorbent material. Dike and contain spill. Collect all waste in suitable and labelled containers and dispose according to local legislation.  
Other information : Avoid contact with : acid.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Avoid contact with skin. Read label before use. Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Store tightly closed in a dry, cool and well-ventilated place. Refer to chapter 10.  
Incompatible products : Refer to Section 10 on Incompatible Materials.  
Incompatible materials : Metals. Acids. Reacts with (some) acids: release of (highly) toxic gases/vapours. Chlorine. May be corrosive to metals.  
Information on mixed storage : Store away from. Acids.  
Storage area : Store in dry, cool, well-ventilated area.

#### 7.3. Specific end use(s)

Reference to other sections. paragraph 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

sodium hydroxide; caustic soda (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Third edition, 2018). HSE
sodium hydroxide; caustic soda (1310-73-2)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m <sup>3</sup>

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<b>sodium hydroxide; caustic soda (1310-73-2)</b>	
<b>DNEL/DMEL (General population)</b>	
Long-term - local effects, inhalation	1 mg/m <sup>3</sup>

<b>sodium hypochlorite (7681-52-9)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, inhalation	3.1 mg/m <sup>3</sup>
Acute - local effects, inhalation	3.1 mg/m <sup>3</sup>
Long-term - systemic effects, inhalation	1.55 mg/m <sup>3</sup>
Long-term - local effects, inhalation	1.55 mg/m <sup>3</sup>

<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, inhalation	3.1 mg/m <sup>3</sup>
Acute - local effects, inhalation	3.1 mg/m <sup>3</sup>
Long-term - systemic effects, oral	0.26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.55 mg/m <sup>3</sup>
Long-term - local effects, inhalation	1.55 mg/m <sup>3</sup>

<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.00021 mg/l
PNEC aqua (marine water)	0.000042 mg/l
PNEC aqua (intermittent, freshwater)	0.00026 mg/l

<b>PNEC (STP)</b>	
PNEC sewage treatment plant	4.69 mg/l

<b>sodium carbonate (497-19-8)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>

<b>DNEL/DMEL (General population)</b>	
Acute - local effects, inhalation	10 mg/m <sup>3</sup>

## 8.2. Exposure controls

### Personal protective equipment:

Personal protective equipment necessary only in the case of professional use or for large packs (not for household packs). For normal use, please follow the recommendations indicated on the product label.

<b>Hand protection:</b>
Wear suitable gloves. EN 374
<b>Eye protection:</b>
Eye / face protection. EN 166
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
Not applicable

### Environmental exposure controls:

Avoid undiluted product to come into sewer or superficial water. Avoid discharge to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Coloured.

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Odour	: pleasant. Perfume.
Odour threshold	: Odour perceived in typical conditions of use
pH	: > 13
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not available. This property is not relevant for the safety and classification of the product
Freezing point	: Not available. This property is not relevant for the safety and classification of the product
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not available. This property is not relevant for the safety and classification of the product
Decomposition temperature	: Not available. This property is not relevant for the safety and classification of the product
Flammability (solid, gas)	: Not applicable (Liquid)
Vapour pressure	: Not available. This property is not relevant for the safety and classification of the product
Relative vapour density at 20 °C	: No data available
Relative density	: 1.092
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 110 cP
Explosive properties	: Not applicable. Not explosive as none of the components is classified as explosive or oxidizing. CLP (Art 14 (2)).
Oxidising properties	: Not applicable. None of the components are classified for oxidizing properties. CLP (Art 14 (2)).
Explosive limits	: Not available. This property is not relevant for the safety and classification of the product

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with : acids. Contact with acids liberates toxic gas (chlorine). If the product is involved in a fire, it can release toxic chlorine gases.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

### 10.4. Conditions to avoid

Refer to Section 10 on Incompatible Materials.

### 10.5. Incompatible materials

Metals. Acids. May be corrosive to metals. Contact with acids liberates toxic gas (chlorine).

### 10.6. Hazardous decomposition products

Chlorine.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### sodium hypochlorite (7681-52-9)

LD50 dermal rabbit	> 20000 mg/kg bodyweight OECD 402
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#### sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight (US EPA 16 CFR 1500.40)

Skin corrosion/irritation	: Causes skin irritation. pH: > 13
Serious eye damage/irritation	: Causes serious eye irritation. pH: > 13
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified

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Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

#### sodium hypochlorite (7681-52-9)

LC50 fish 1	0.032 mg/l Coho salmon
LC50 other aquatic organisms 1	77.1 mg/l OECD 209; 3 h
EC50 Daphnia 1	0.035 mg/l OECD 202; Ceriodaphnia dubia; 48 h
ErC50 (algae)	0.0365 mg/l OECD 201; Pseudokirchneriella subcapitata; 72 h
NOEC (chronic)	41.1 mg/l OECD 209; 3 h
NOEC chronic fish	0.04 mg/l Menidia peninsulae; 28 d
NOEC chronic crustacea	0.007 mg/l
NOEC chronic algae	0.0054 mg/l OECD 201; Pseudokirchneriella subcapitata; 3 d

#### sodium carbonate (497-19-8)

LC50 fish 1	300 mg/l Lepomis macrochirus; 96 h
EC50 Daphnia 1	200 mg/l Ceriodaphnia sp.; 48 h

#### sodium hydroxide; caustic soda (1310-73-2)

EC50 Daphnia 1	40.4 mg/l Ceriodaphnia sp.; 48 h
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#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

#### sodium hypochlorite (7681-52-9)

Log Pow	-342
Bioaccumulative potential	No bioaccumulation. Log Kow. <4.

#### sodium carbonate (497-19-8)

Bioaccumulative potential	Not measured.
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#### sodium hydroxide; caustic soda (1310-73-2)

Bioaccumulative potential	Not measured.
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

#### Ace Ultra for White

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

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Component	
sodium hypochlorite (7681-52-9)	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 carbonate (497-19-8)	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 hydroxide; caustic soda (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

### 12.6. Other adverse effects

No additional information available

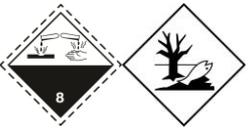
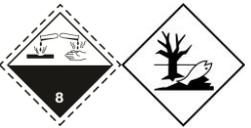
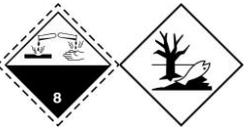
## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations. Consult an expert on waste disposal or treatment. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Product/Packaging disposal recommendations	: For disposal within the EC, use the appropriate European List of Waste (LoW) code. Dispose of at authorized waste collection point. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Handle uncleaned empty containers as full ones. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Do not mix with other wastes.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1791	UN 1791	UN 1791	UN 1791	UN 1791
<b>14.2. UN proper shipping name</b>				
HYPOCHLORITE SOLUTION	HYPOCHLORITE SOLUTION	Hypochlorite solution	HYPOCHLORITE SOLUTION	HYPOCHLORITE SOLUTION
<b>Transport document description</b>				
UN 1791 HYPOCHLORITE SOLUTION, 8, III, (E), ENVIRONMENTALLY HAZARDOUS	UN 1791 HYPOCHLORITE SOLUTION, 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1791 Hypochlorite solution, 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1791 HYPOCHLORITE SOLUTION, 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1791 HYPOCHLORITE SOLUTION, 8, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: C9
Special provisions (ADR)	: 521
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1

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Packing instructions (ADR)	: P001, IBC02, LP01, R001
Special packing provisions (ADR)	: B5
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP2, TP24
Tank code (ADR)	: L4BV(+)
Tank special provisions (ADR)	: TE11
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR)	: E
EAC code	: 2X

### Transport by sea

Special provisions (IMDG)	: 223
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP24
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: B
Segregation (IMDG)	: SG20
Properties and observations (IMDG)	: Liquid with chlorine odour. In contact with acids, evolves very irritating and corrosive gases. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L

### Inland waterway transport

Classification code (ADN)	: C9
Special provisions (ADN)	: 521
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0

### Rail transport

Classification code (RID)	: C9
Special provisions (RID)	: 521
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC02, LP01, R001
Special packing provisions (RID)	: B5
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP2, TP24

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Tank codes for RID tanks (RID)	: L4BV(+)
Special provisions for RID tanks (RID)	: TE11
Transport category (RID)	: 3
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 80

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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 information, restriction and prohibition regulations : Compliance with following regulations: Regulation (EC) 1907/2006 as amended. Regulation (EC) 1272/2008 as amended. Regulation (EC) No. 648/2004 (Detergents regulation).

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

CSA has not been established

## SECTION 16: Other information

### Abbreviations and acronyms:

LC50	Median lethal concentration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
vPvB	Very Persistent and Very Bioaccumulative
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
DNEL	Derived-No Effect Level
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE	Acute Toxicity Estimate
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

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

### Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
EUH031	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
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.
EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).

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

Met. Corr. 1	H290	On basis of test data
Skin Irrit. 2	H315	Expert judgment Weight of evidence
Eye Irrit. 2	H319	Expert judgment Weight of evidence
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 2	H411	Calculation method

SDS EU (REACH Annex II)

*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.*