



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and its latest amendment

Issuing Date: 20-Nov-2019

Revision date 20-Nov-2019

Version 1

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

1.1 Product identifier

Product Form	Mixture
Product Name	Lenor Unstoppables - Fresh
Product Identifier	91647249_A_RET_CLP_EUR_SAW
Synonyms	PA00235722
Product group	Trade Product

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

Recommended Use	Intended for general public
Main user category	SU 21 - Consumer uses: Private households (= general public = consumers)
Use category	PC35 - Washing and cleaning products (including solvent based products)
Uses advised against	No information available

Product category	Liquid Fabric Enhancers
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1.3 Details of the supplier of the safety data sheet

Details of the supplier of the safety data sheet	Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 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
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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]

Chronic aquatic toxicity	Category 3 - (H412)
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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

Hazard pictograms	None
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Hazard statements	H412 - Harmful to aquatic life with long lasting effects
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Precautionary Statements	P501 - Dispose of contents/container to an appropriate local waste system P102 - Keep out of reach of children
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EUH208 - Contains Hexyl Cinnamal, Hexyl Salicylate, Benzyl Salicylate, Tetramethyl Acetyloctahydronaphthalenes, Citronellol, Limonene, Allyl Cyclohexylpropionate, 2,4-Dimethyl-3-Cyclohexene Carboxaldehyde . May produce an allergic reaction.

2.3 Other hazards

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

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)
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	242-362-4	01-2119457274-37	1 - 5	Skin Irrit. 2(H315) Eye Irrit. 2(H319)	1	1
Hexyl Cinnamal	101-86-0	202-983-3	01-2119533092-50	<1	Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	1	1
Hexyl Salicylate	6259-76-3	228-408-6	01-2119638275-36	<1	Skin Irrit. 2(H315) Skin Sens. 1(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	1	1
Benzyl Salicylate	118-58-1	204-262-9	01-2119969442-31	<1	Skin Sens. 1B(H317) Aquatic Chronic 3(H412)	1	1
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	259-174-3	01-2119489989-04	<1	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Chronic 1(H410)	1	1
Citronellol	106-22-9	203-375-0	01-2119453995-23	<1	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319)	1	1
Limonene	5989-27-5	227-813-5	01-2119529223-47	<1	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	1	1
Allyl Cyclohexylpropionate	2705-87-5	220-292-5	01-2119976355-27	<1	Acute Tox. 4 (Oral)(H302) Acute Tox. 4 (Dermal)(H312) Skin Sens. 1(H317) Acute Tox. 4 (Inhalation:vapour)(H332) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	1	1
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	268-264-1	01-2119982384-28	<1	Skin Irrit. 2(H315) Skin Sens. 1B(H317) 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 measures

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. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	Coughing. Sneezing.
Symptoms/injuries after skin contact	Redness. Swelling. Dryness. Itching.
Symptoms/injuries after eye contact	Pain. Redness. Swelling. Itching.
Symptoms/injuries after ingestion	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

Refer to section 4.1.

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO₂).

Extinguishing Media Which Must Not Be Used For Safety Reasons Not applicable.

5.2 Special hazards arising from the 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 precautions for firefighters	In case of inadequate ventilation wear respiratory protection.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective 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.
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6.3 Methods and materials for containment 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	Avoid contact with skin, eyes and clothing.

6.4 Reference to other sections

Other information	Refer to Sections 8 and 13.
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Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.
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7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage	Store in original container. Refer to section 10.
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conditions**Incompatible products**

Refer to section 10.

Incompatible materials

Refer to section 10.

Prohibitions on mixed storage

Not applicable.

Requirements for storage rooms and containers

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****Limits**

Chemical Name	CAS No	Norway	Ireland	United Kingdom	European Union
Limonene	5989-27-5	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³			

Derived No Effect Level (DNEL)**Workers**

Chemical Name	CAS No	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local
Hexyl Salicylate	6259-76-3	20830 mg/kg bw/d	7.29 mg/m ³	1.475 mg/cm ²
Citronellol	106-22-9			2.950 mg/cm ²
Limonene	5989-27-5			0.222 mg/cm ²

Chemical Name	CAS No	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
Hexyl Salicylate	6259-76-3		20830 mg/kg bw/d	7.29 mg/m ³
Benzyl Salicylate	118-58-1		0.9 mg/kg bw/d	3.17 mg/m ³
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		3.6 mg/kg bw/d	7.33 mg/m ³
Citronellol	106-22-9	10 mg/m ³	327.4 mg/kg bw/d	161.6 mg/m ³
Limonene	5989-27-5			33.3 mg/m ³

Chemical Name	CAS No	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	648 µg/cm ²	
Citronellol	106-22-9		10 mg/m ³

Consumers

Chemical Name	CAS No	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local	Consumer - oral, short-term - systemic
Hexyl Salicylate	6259-76-3		0.885 mg/cm ²	1.25 mg/kg bw/d
Citronellol	106-22-9	10 mg/m ³	2.950 mg/cm ²	
Limonene	5989-27-5		0.111 mg/cm ²	

Chemical Name	CAS No	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic	Consumer - oral, long-term - local
Hexyl Salicylate	6259-76-3	2.19 mg/m ³	12500 mg/kg bw/d	

Chemical Name	CAS No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Hexyl Salicylate	6259-76-3	0.625 mg/kg bw/d		
Benzyl Salicylate	118-58-1	0.45 mg/kg bw/d		
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	1.25 mg/kg bw/d		380 µg/cm ²
Citronellol	106-22-9	13.8 mg/kg bw/d	10 mg/m ³	
Limonene	5989-27-5	4.76 mg/kg bw/d		

Chemical Name	CAS No	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Hexyl Salicylate	6259-76-3	2.19 mg/m ³	12500 mg/kg bw/d
Benzyl Salicylate	118-58-1	0.78 mg/m ³	0.45 mg/kg bw/d
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	2.16 mg/m ³	2.15 mg/kg bw/d
Citronellol	106-22-9	47.8 mg/m ³	196.4 mg/kg bw/d
Limonene	5989-27-5	8.33 mg/m ³	

Predicted No Effect Concentration (PNEC)

Chemical Name	CAS No	Fresh Water	Marine water	Intermittent release
Hexyl Salicylate	6259-76-3	0.000357 mg/L	0.0000357 mg/L	0.00357 mg/L
Benzyl Salicylate	118-58-1	0.00103 mg/L	0.000103 mg/L	0.0103 mg/L
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	0.0028 mg/L	0.00028 mg/L	
Citronellol	106-22-9	0.0024 mg/L	0.00024 mg/L	0.024 mg/L
Limonene	5989-27-5	0.0054 mg/L	0.00054 mg/L	

Chemical Name	CAS No	Freshwater sediment	Marine sediment	Sewage treatment plant
Hexyl Salicylate	6259-76-3	0.272 mg/kg sediment dw	0.0272 mg/kg sediment dw	10 mg/L
Benzyl Salicylate	118-58-1	0.583 mg/kg sediment dw	0.0583 mg/kg sediment dw	10 mg/L
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	3.73 mg/kg sediment dw	0.75 mg/kg sediment dw	10 mg/L
Citronellol	106-22-9	0.0256 mg/kg sediment dw	0.00256 mg/kg sediment dw	580 mg/L
Limonene	5989-27-5	1.32 mg/kg sediment dw	0.13 mg/kg sediment dw	1.8 mg/L

Chemical Name	CAS No	Soil	air	Oral
Hexyl Salicylate	6259-76-3	0.0542 mg/kg soil dw		
Benzyl Salicylate	118-58-1	0.116 mg/kg soil dw		
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	2.7 mg/kg soil dw		
Citronellol	106-22-9	0.00371 mg/kg soil dw		
Limonene	5989-27-5	0.262 mg/kg soil dw		

8.2 Exposure controls

Appropriate engineering controls No information available

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.

Eye Protection Not applicable.

Skin and Body Protection Not applicable.

Respiratory Protection Not applicable.

Thermal hazards Not applicable.

Environmental exposure controls Prevent that the undiluted product reaches surface waters.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

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
pH	2.5 - 3.8	

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 - 110 °C	
Flash point	No data available	No Flash to Boiling (NFTB)
Relative Evaporation Rate (butylacetate=1)	No data available	
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	0.97 - 1.1	
Solubility	No data available	
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	45 - 165 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

Other information No information available.

Section 10: STABILITY 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****Mixture**

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	Not Classified.	Based on the available data, the classification criteria are not met.

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
Benzyl Salicylate	118-58-1	2200 mg/kg bodyweight (rat)	-	-
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	//	//	//
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Allyl Cyclohexylpropionate	2705-87-5	480 mg/kg (rat)	1600 mg/kg (rabbit)	-

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
Hexyl Salicylate	6259-76-3	1.34 mg/L (EC 440/2008 C.1; Danio rerio; 96 h)	0.61 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	0.357 mg/L (OECD 202; Daphnia magna; 48 h)	-
Benzyl Salicylate	118-58-1	1.03 mg/L (EC 440/2008 C.1; Danio rerio; 96 h)	1.29 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	1.16 mg/L (OECD 202; Daphnia magna; 48 h)	-
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	1.3 mg/L (//OECD 203; Lepomis macrochirus; 96 h)	> 2.6 mg/L (//OECD 201; Desmodesmus subspicatus; 72 h)	1.38 mg/L (//OECD 202; Daphnia magna; 48 h)	-
Citronellol	106-22-9	14.66 mg/L (DIN 38412, part L15; Leuciscus idus; 96 h)	2.4 mg/L (Scenedesmus subspicatus; 72 h)	17.48 mg/L (EC 440/2008 C.2; Daphnia magna; 48 h)	> 10000 mg/L (DIN 38412, Part 27; Pseudomonas putida; 0.5 h)
Limonene	5989-27-5	0.72 mg/L (OECD 203; Pimephales promelas; 96 h)	150 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	0.36 mg/L (OECD 202; Daphnia magna; 48 h)	209 mg/L (OECD 209; 3 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)*
Hexyl Salicylate	6259-76-3		0.15 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)		
Benzyl Salicylate	118-58-1		0.502 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)		
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	0.16 mg/L (OECD 210; Danio rerio; 30 d)	> 2.6 mg/L (//OECD 201; Desmodesmus subspicatus; 3 d)	0.028 mg/L (OECD 211; Daphnia magna; 21 d)	> 100 mg/L (OECD 301 F; 42 d)
Citronellol	106-22-9		1.1 mg/L (Scenedesmus subspicatus; 3 d)		580 mg/L (DIN 38412, Part 27; Pseudomonas putida; 0.02083 d)
Limonene	5989-27-5		50 mg/L (OECD 201;		18 mg/L (OECD 209;

			Desmodesmus subspicatus; 3 d)		0.125 d)
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12.2 Persistence and degradability**Persistence and degradability**

Chemical Name	CAS No	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Hexyl Salicylate	6259-76-3	Biodegradable.	91% O ₂ ; OECD 301 F; 82% (10 d)
Benzyl Salicylate	118-58-1	Biodegradable.	93% O ₂ ; OECD 301 F; 87% (10 d)
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		11% O ₂ ; OECD 301 C; 28 d
Citronellol	106-22-9	Biodegradable.	80% O ₂ ; OECD 301 F
Limonene	5989-27-5	Biodegradable.	80% O ₂ ; OECD 301 D

12.3 Bioaccumulative potential**Bioaccumulative potential**

No information available.

Chemical Name	CAS No	Bioaccumulative potential	Octanol/water partition coefficient
Hexyl Salicylate	6259-76-3	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	5.5
Benzyl Salicylate	118-58-1	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	4
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		5.65
Citronellol	106-22-9	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	3.4
Limonene	5989-27-5	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	4.38

12.4 Mobility in soil**Mobility**

No information available.

Chemical Name	CAS No	log Koc
Benzyl Salicylate	118-58-1	5623.41 (OECD 121)
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	13182.56
Citronellol	106-22-9	70.79 (QSAR PCKOCWIN v1.66)
Limonene	5989-27-5	6324 (QSAR KOCWIN v2.00)

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. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

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	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 Marine pollutant	Not regulated
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No information available

IATA

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 Marine pollutant	Not regulated

ADR

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 Marine pollutant	Not regulated

RID

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 Marine pollutant	Not regulated

ADN

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 Marine pollutant	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 XIV Substances Subject to

Contains no REACH Annex XIV substances.

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

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

National regulatory information

15.2 Chemical Safety Assessment

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:	20-Nov-2019
Revision date	20-Nov-2019
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
EC50: Calculated concentration causing a 50% reduction in cellular reproduction
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)
OECD - Organization for Economic Cooperation and Development
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]

Chronic aquatic toxicity

Category 3 - Calculation method

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

H226 - Flammable liquid and vapor
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
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

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