This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

# **TEFA TRUCK MAX**



Date of	compilation: 18/06/2024	Revised: Not applicable	Version: 1	· ·
SECT	TION 1: IDENTIFICATIO	N OF THE SUBSTANCE/MIXTU	RE AND OF THE COMPANY/UNDERTAKING	
1.1	Product identifier:	TEFA TRUCK MAX		
	Other means of identifi	cation:		
	UFI: DR31-A078-X004-YC	5N		
1.2	Relevant identified use	s of the substance or mixture ar	id uses advised against:	
	Relevant uses: Product for	cleaning tunnel washers. For profes	sional users only.	
		for washing heavily soiled vehicles a ning products - all vehicle types	nd machines.	
	Uses advised against: All u	ses not specified in this section or ir	section 7.3	
1.3	Details of the supplier of	of the safety data sheet:		
	TEFA Dystrybucja Sp. z o.o Fabryczna 1 47-100 Strzelce Opolskie - Tel.: +48 698 380 933 info@tefa.pl https://iczyste.pl			
	Person responsible for the	safety data sheet: info@tefa.pl		

1.4 Emergency telephone number: +48 698 380 933 - TEFA Dystrybucja Sp. z o.o. (Monday to Friday from 8 am to 4 pm)

# SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Dam. 1: Serious eye damage, Category 1, H318 Met. Corr. 1: Corrosive to metals, Category 1, H290 Skin Corr. 1: Skin corrosion, Category 1, H314

#### 2.2 Label elements:

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CLP Regulation (EC) No 1272/2008:



#### Hazard statements:

Met. Corr. 1: H290 - May be corrosive to metals. Skin Corr. 1: H314 - Causes severe skin burns and eye damage.

# Precautionary statements:

P234: Keep only in original packaging.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor.

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

#### Substances that contribute to the classification

sodium hydroxide; D-Glucopyranose, oligomers, decyl octyl glycosides; Etidronic acid

#### Acute Toxicity Estimate (ATE mix):

22,8 % (oral) of the mixture consists of ingredient(s) of unknown toxicity

#### Additional labeling:

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SECT	ION 2: HAZARDS IDE	NTIFICATION (continued)	
	UFI: DR31-A078-X004-Y	CSN	
2.3	Other hazards:		
	Product does not meet P	,	
	Endocrine-disrupting pro	perties: The product does not meet the criteria.	
SECT	ION 3: COMPOSITION	V/INFORMATION ON INGREDIENTS	
3.1	Substance:		
	Non-applicable		
3.2	Mixture:		
	Chemical description:	Aqueous mixture composed of chemical products for cleaning products	
	Components:		
	-	ex II of Regulation (EC) No 1907/2006 (point 3), the product contains:	
	Identification	Chemical name/Classification	Concentration
		·	
	CAS: 1310-73-2 EC: 215-185-5	·	assified 10 - <15 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27-	sodium hydroxide <sup>(1)</sup> Self-cl	assified
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6	sodium hydroxide(1)   Self-cli     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger	assified 10 - <15 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6	sodium hydroxide(1)     Self-cli       Regulation 1272/2008     Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger	assified assified 2.5 - <5 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.	assified assified 10 - <15 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning	assified assified 2.5 - <5 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning	assified assified () () () () () () () () () ()
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8 EC: 252-104-2	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     Dipropylene Glycol Methyl Ether(2)   Not cla	assified (*) 10 - <15 % assified (*) 2,5 - <5 % assified
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60- XXXX CAS: 68515-73-1	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     Dipropylene Glycol Methyl Ether(2)   Not cla     Regulation 1272/2008   Not cla	assified (*) 10 - <15 % assified (*) 2,5 - <5 % assified
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60- XXXX CAS: 68515-73-1 EC: 500-220-1 Index: Non-applicable	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     Dipropylene Glycol Methyl Ether(2)   Not cla     Regulation 1272/2008   Ether(2)	assified   10 - <15 %
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60- XXXX CAS: 68515-73-1 EC: 500-220-1	sodium hydroxide(1)   Self-cl.     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-cl.     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     Dipropylene Glycol Methyl Ether(2)   Not cla     Regulation 1272/2008   Dipropylene Glycol Methyl Ether(2)     Self-cl.   Self-cl.     Regulation 1272/2008   Self-cl.	assified ↓ 10 - <15 % assified ↓ 2,5 - <5 % assified 2,5 - <5 % assified
	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27- XXXX CAS: 15763-76-5 EC: 239-854-6 Index: Non-applicable REACH: 01-2119489411-37- XXXX CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60- XXXX CAS: 68515-73-1 EC: 500-220-1 Index: Non-applicable REACH: 01-2119488530-36-	sodium hydroxide(1)   Self-ck     Regulation 1272/2008   Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger     Sodium p-cumenesulphonate(1)   Self-ck     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     Dipropylene Glycol Methyl Ether(2)   Not cla     Regulation 1272/2008   Eye Irrit. 2: H319 - Warning     D-Glucopyranose, oligomers, decyl octyl glycosides(1)   Self-ck     Regulation 1272/2008   Eye Dam. 1: H318 - Danger	assified   10 - <15 %

XXXX 308062-28-4 Amines, C12-14 -alkyldimethyl , N-Oxides<sup>(1)</sup> Self-classified CAS: EC: 931-292-6 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger Regulation 1272/2008 Index: Non-applicable REACH: 01-2119490061-47-XXXX propan-2-ol(1) ATP CLP00 CAS: 67-63-0 EC: 200-661-7 Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger Index: 603-117-00-0 REACH: 01-2119457558-25-XXXX

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

#### **Other information:**

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Identification	Specific concentration limit
sodium hydroxide CAS: 1310-73-2 EC: 215-185-5	% (w/w) >=0,1: Met. Corr. 1 - H290 % (w/w) >=5: Skin Corr. 1A - H314 2<= % (w/w) <5: Skin Corr. 1B - H314 0,5<= % (w/w) <2: Skin Irrit. 2 - H315 % (w/w) >=2: Eye Dam. 1 - H318 0,5<= % (w/w) <2: Eye Irrit. 2 - H319

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

1 - <2,5 %

1 - <2,5 %





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# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	A	Acute toxicity		
Amines, C12-14 -alkyldimethyl , N-Oxides	LD50 oral	1064 mg/kg (ATEi)	Rat	
CAS: 308062-28-4	LD50 dermal	Not relevant		
EC: 931-292-6	LC50 inhalation	Not relevant		
Etidronic acid	LD50 oral	1878 mg/kg (ATEi)	Rat	
CAS: 2809-21-4	LD50 dermal	Not relevant		
EC: 220-552-8	LC50 inhalation	Not relevant		

# SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

#### By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and also risk damage to the respiratory system through inhalation. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

# SECTION 5: FIREFIGHTING MEASURES

# 5.1 Extinguishing media:

#### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

#### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

# 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:



# **TEFA TRUCK MAX** Date of compilation: 18/06/2024 Revised: Not applicable Version: 1 SECTION 5: FIREFIGHTING MEASURES (continued) Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium. SECTION 6: ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures: 6.1 For non-emergency personnel: Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground. For emergency responders: Wear protective equipment. Keep unprotected persons away. See section 8. 6.2 **Environmental precautions:** It is recommended to avoid environmental spillage of both the product and its container. 6.3 Methods and material for containment and cleaning up: It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. 6.4 Reference to other sections: See sections 8 and 13. SECTION 7: HANDLING AND STORAGE 7.1 Precautions for safe handling: A.- General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. KEEP ONLY IN ORIGINAL PACKAGING.

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

 Technical measures for sto	rage
Minimum Temp.:	10 °C
Maximum Temp.:	30 °C
Maximum time:	36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

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

A.

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Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.



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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Revised: Not applicable

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Version: 1

Identification	Occupational exposure limits			
Dipropylene Glycol Methyl Ether (1)	IOELV (8h)	50 ppm	308 mg/m <sup>3</sup>	
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)			

(1) Likely absorption through the skin

# DNEL (Workers):

		Short	Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
sodium hydroxide	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 1310-73-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant	
EC: 215-185-5	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m <sup>3</sup>	
Sodium p-cumenesulphonate	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 15763-76-5	Dermal	Not relevant	Not relevant	136,25 mg/kg	Not relevant	
EC: 239-854-6	Inhalation	Not relevant	Not relevant	26,9 mg/m <sup>3</sup>	Not relevant	
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant	
EC: 252-104-2	Inhalation	Not relevant	Not relevant	308 mg/m <sup>3</sup>	Not relevant	
D-Glucopyranose, oligomers, decyl octyl glycosides	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 68515-73-1	Dermal	Not relevant	Not relevant	595000 mg/kg	Not relevant	
EC: 500-220-1	Inhalation	Not relevant	Not relevant	420 mg/m <sup>3</sup>	Not relevant	
Etidronic acid	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 2809-21-4	Dermal	Not relevant	Not relevant	34 mg/kg	Not relevant	
EC: 220-552-8	Inhalation	Not relevant	Not relevant	12 mg/m <sup>3</sup>	Not relevant	
Amines, C12-14 -alkyldimethyl , N-Oxides	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 308062-28-4	Dermal	Not relevant	Not relevant	11 mg/kg	Not relevant	
EC: 931-292-6	Inhalation	Not relevant	Not relevant	6,2 mg/m <sup>3</sup>	Not relevant	
propan-2-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
CAS: 67-63-0	Dermal	Not relevant	Not relevant	888 mg/kg	Not relevant	
EC: 200-661-7	Inhalation	Not relevant	Not relevant	500 mg/m <sup>3</sup>	Not relevant	

#### DNEL (General population):

	Short e	xposure	Long exposure		
Identification		Systemic	Local	Systemic	Local
sodium hydroxide	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1310-73-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 215-185-5	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m³
Sodium p-cumenesulphonate	Oral	Not relevant	Not relevant	3,8 mg/kg	Not relevant
CAS: 15763-76-5	Dermal	Not relevant	Not relevant	68,1 mg/kg	Not relevant
EC: 239-854-6	Inhalation	Not relevant	Not relevant	6,6 mg/m <sup>3</sup>	Not relevant
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	37,2 mg/m <sup>3</sup>	Not relevant
D-Glucopyranose, oligomers, decyl octyl glycosides	Oral	Not relevant	Not relevant	35,7 mg/kg	Not relevant
CAS: 68515-73-1	Dermal	Not relevant	Not relevant	357000 mg/kg	Not relevant
EC: 500-220-1	Inhalation	Not relevant	Not relevant	124 mg/m <sup>3</sup>	Not relevant
Etidronic acid	Oral	1,7 mg/kg	Not relevant	1,7 mg/kg	Not relevant
CAS: 2809-21-4	Dermal	Not relevant	Not relevant	17 mg/kg	Not relevant
EC: 220-552-8	Inhalation	Not relevant	Not relevant	2,95 mg/m <sup>3</sup>	Not relevant



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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

	Short	Short exposure		exposure	
Identification		Systemic	Local	Systemic	Local
Amines, C12-14 -alkyldimethyl , N-Oxides	Oral	Not relevant	Not relevant	0,44 mg/kg	Not relevant
CAS: 308062-28-4	Dermal	Not relevant	Not relevant	5,5 mg/kg	Not relevant
EC: 931-292-6	Inhalation	Not relevant	Not relevant	1,53 mg/m <sup>3</sup>	Not relevant
propan-2-ol	Oral	Not relevant	Not relevant	26 mg/kg	Not relevant
CAS: 67-63-0	Dermal	Not relevant	Not relevant	319 mg/kg	Not relevant
EC: 200-661-7	Inhalation	Not relevant	Not relevant	89 mg/m <sup>3</sup>	Not relevant

PNEC:

Identification				
Sodium p-cumenesulphonate	STP	100 mg/L	Fresh water	0,23 mg/L
CAS: 15763-76-5	Soil	0,037 mg/kg	Marine water	0,023 mg/L
EC: 239-854-6	Intermittent	2,3 mg/L	Sediment (Fresh water)	0,862 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,086 mg/kg
Dipropylene Glycol Methyl Ether	STP	4168 mg/L	Fresh water	19 mg/L
CAS: 34590-94-8	Soil	2,74 mg/kg	Marine water	1,9 mg/L
EC: 252-104-2	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Not relevant	Sediment (Marine water)	7,02 mg/kg
D-Glucopyranose, oligomers, decyl octyl glycosides	STP	560 mg/L	Fresh water	0,176 mg/L
CAS: 68515-73-1	Soil	0,654 mg/kg	Marine water	0,018 mg/L
EC: 500-220-1	Intermittent	0,27 mg/L	Sediment (Fresh water)	1,516 mg/kg
	Oral	0,11111 g/kg	Sediment (Marine water)	0,152 mg/kg
Etidronic acid	STP	40 mg/L	Fresh water	0,068 mg/L
CAS: 2809-21-4	Soil	10 mg/kg	Marine water	0,007 mg/L
EC: 220-552-8	Intermittent	Not relevant	Sediment (Fresh water)	136 mg/kg
	Oral	0,0037 g/kg	Sediment (Marine water)	13,6 mg/kg
Amines, C12-14 -alkyldimethyl , N-Oxides	STP	24 mg/L	Fresh water	0,034 mg/L
CAS: 308062-28-4	Soil	1,02 mg/kg	Marine water	0,003 mg/L
EC: 931-292-6	Intermittent	0,034 mg/L	Sediment (Fresh water)	5,24 mg/kg
	Oral	0,0111 g/kg	Sediment (Marine water)	0,524 mg/kg
propan-2-ol	STP	2251 mg/L	Fresh water	140,9 mg/L
CAS: 67-63-0	Soil	28 mg/kg	Marine water	140,9 mg/L
EC: 200-661-7	Intermittent	140,9 mg/L	Sediment (Fresh water)	552 mg/kg
	Oral	0,16 g/kg	Sediment (Marine water)	552 mg/kg

# 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

#### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

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	Pictogram		PPE	Labelling	CEN Standard		Remarks
	Mandatory face protection		ic glasses against h/projections.		EN 166:2002 EN ISO 4007:201		daily and disinfect periodically according to th facturer´s instructions. Use if there is a risk c splashing.
E	Body protection						
	Pictogram		PPE	Labelling	CEN Standard		Remarks
			brk clothing	CATI	EN ISO 20347:20	perio profes in 6529:	ace before any evidence of deterioration. For ods of prolonged exposure to the product for ssional/industrial users CE III is recommende accordance with the regulations in EN ISO 2013, EN ISO 6530:2005, EN ISO 13688:201 EN 464:1994.
		Anti-s	lip work shoes		EN 150 20347:20	perio	ace before any evidence of deterioration. For ods of prolonged exposure to the product for ssional/industrial users CE III is recommended accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007
F	Additional emerge	ncy meas	ures				
	Emergency mea	isure	S	tandards	Emergenc	/ measure	Standards
	Emergency sho	wer		SI Z358-1 )11, ISO 3864-4:201	L Eyewash	stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Max	imum V.O.C. conte	ont: 01 70	) a/L (20.9C)				
	inum v.o.c. cond vironmental expo	,	5, ( )				
In a of b	ccordance with the	e commur nd its cont	nity legislation fo ainer. For addit	•	of the environmen see subsection 7.1		nended to avoid environmental spilla
With	n regard to Directiv	ve 2010/7	5/EU, this produ	uct has the follow	ing characteristics		
	V.O.C. (Supply):		7,05	% weight			
	V.O.C. density at 2	20 ºC:	81,78	8 kg/m³ (81,78 g	ı/L)		
	Average carbon nu	umber:	6,69				
	Average molecular	weight:	138,4	l8 g/mol			

Appearance	

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- + +	
Physical state at 20 °C:	Liquid
Appearance:	Fluid
Colour:	Characteristic
Odour:	Characteristic
Odour threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	103 °C
Vapour pressure at 20 °C:	2339 Pa
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20 °C:	Not relevant *
*Not relevant due to the nature of the product, not providing information $\ensuremath{n}$	tion property of its hazards.
	Appearance: Colour: Odour: Odour threshold: <b>Volatility:</b> Boiling point at atmospheric pressure: Vapour pressure at 20 °C: Vapour pressure at 50 °C:

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SEC	TION 9: PHYSICAL AND CHEMICAL PROPERTIES	(continued)
	Product description:	
	Density at 20 °C:	1140 - 1180 kg/m³
	Relative density at 20 °C:	Not relevant *
	Dynamic viscosity at 20 °C:	Not relevant *
	Kinematic viscosity at 20 °C:	Not relevant *
	Kinematic viscosity at 40 °C:	Not relevant *
	Concentration:	Not relevant *
	pH:	12 - 14 (at 100 %)
	Vapour density at 20 °C:	Not relevant *
	Partition coefficient n-octanol/water 20 °C:	Not relevant *
	Solubility in water at 20 °C:	Not relevant *
	Solubility properties:	Water-soluble
	Decomposition temperature:	Not relevant *
	Melting point/freezing point:	Not relevant *
	Flammability:	
	Flash Point:	75 °C
	Flammability (solid, gas):	Not relevant *
	Autoignition temperature:	270 °C
	Lower flammability limit:	Not relevant *
	Upper flammability limit:	Not relevant *
	Particle characteristics:	
	Median equivalent diameter:	Non-applicable
9.2	Other information:	
	Information with regard to physical hazard class	ses:
	Explosive properties:	Not relevant *
	Oxidising properties:	Not relevant *
	Corrosive to metals:	H290 May be corrosive to metals.
	Heat of combustion:	Not relevant *
	Aerosols-total percentage (by mass) of flammable components:	Not relevant *
	Other safety characteristics:	
	Surface tension at 20 °C:	Not relevant *
	Refraction index:	Not relevant *
	*Not relevant due to the nature of the product, not providing inform	nation property of its hazards.

# SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

#### 10.2 Chemical stability:

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Chemically stable under the indicated conditions of storage, handling and use.

# 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

# 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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SECTION 10: STABILITY AND REACTIVITY (continued)



Shock and friction Contact with air Increase in temperature Sunlight Humidity Not applicable Not applicable Precaution Precaution Not applicable 10.5 Incompatible materials: Acids Water Oxidising materials Combustible materials Others Not applicable Avoid strong acids Not applicable Precaution Not applicable 10.6 Hazardous decomposition products: See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds. SECTION 11: TOXICOLOGICAL INFORMATION 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008: The experimental information related to the toxicological properties of the product itself is not available Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health . **Dangerous health implications:** In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure: A- Ingestion (acute effect): Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3. Corrosivity/Irritability: Corrosive product, if it is swallowed causes burns destroying the tissues. For more information about secondary effects from skin contact see section 2. B- Inhalation (acute effect): Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3. Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract C- Contact with the skin and the eyes (acute effect): Contact with the skin: Above all, skin contact may occur as fabrics of all thicknesses can be destroyed, resulting in burns. For more information on the secondary effects see section 2. Contact with the eyes: Produces serious eye damage after contact. D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction): Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: propan-2-ol (3) Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. E- Sensitizing effects: - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3. Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. F- Specific target organ toxicity (STOT) - single exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3. G- Specific target organ toxicity (STOT)-repeated exposure: Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.



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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

# Other information:

# Not relevant

#### Specific toxicology information on the substances:

Identification	A	Acute toxicity	
propan-2-ol	LD50 oral	5280 mg/kg	Rat
CAS: 67-63-0	LD50 dermal	12800 mg/kg	Rat
EC: 200-661-7	LC50 inhalation	72,6 mg/L (4 h)	Rat
Dipropylene Glycol Methyl Ether	LD50 oral	>5000 mg/kg	Rat
CAS: 34590-94-8	LD50 dermal	9510 mg/kg	Rabbit
EC: 252-104-2	LC50 inhalation		
Amines, C12-14 -alkyldimethyl , N-Oxides	LD50 oral	1064 mg/kg (ATEi)	Rat
CAS: 308062-28-4	LD50 dermal		
EC: 931-292-6	LC50 inhalation		
Sodium p-cumenesulphonate	LD50 oral	7000 mg/kg	Rat
CAS: 15763-76-5	LD50 dermal		
EC: 239-854-6	LC50 inhalation		
Etidronic acid	LD50 oral	1878 mg/kg (ATEi)	Rat
CAS: 2809-21-4	LD50 dermal		
EC: 220-552-8	LC50 inhalation		

#### Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral 60409 mg/kg (Calculation method)		22,8 %
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>20 mg/L (4 h) (Calculation method)	Non-applicable

# **11.2** Information on other hazards:

#### **Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

### SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### 12.1 Toxicity:

#### Acute toxicity:

Identification		Concentration	Species	Genus
sodium hydroxide	LC50	189 mg/L (48 h)	Leuciscus idus	Fish
CAS: 1310-73-2	EC50	33 mg/L	Crangon crangon	Crustacean
EC: 215-185-5	EC50	Not relevant		
Sodium p-cumenesulphonate	LC50	1580 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 15763-76-5	EC50	1020 mg/L (48 h)	Daphnia magna	Crustacean
EC: 239-854-6	EC50	230 mg/L (96 h)	Selenastrum capricornutum	Algae
Dipropylene Glycol Methyl Ether	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
CAS: 34590-94-8	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
EC: 252-104-2	EC50	Not relevant		



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Identification		Concentration	Species	Genus
D-Glucopyranose, oligomers, decyl octyl glycosides	LC50	126 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 68515-73-1	EC50	151 mg/L (48 h)	Acartia tonsa	Crustace
EC: 500-220-1	EC50	27 mg/L (72 h)	Scenedesmus subspicatus	Algae
Etidronic acid	LC50	2180 mg/L (96 h)	Pimephales promelas	Fish
CAS: 2809-21-4	EC50	527 mg/L (24 h)	Daphnia magna	Crustace
EC: 220-552-8	EC50	Not relevant		
Amines, C12-14 -alkyldimethyl , N-Oxides	LC50	3,5 mg/L (96 h)	Pimephales promelas	Fish
CAS: 308062-28-4	EC50	10,4 mg/L (48 h)	Daphnia magna	Crustace
EC: 931-292-6	EC50	0,3 mg/L (72 h)	Selenastrum capricornutum	Algae
propan-2-ol	LC50	9640 mg/L (96 h)	Pimephales promelas	Fish
CAS: 67-63-0	EC50	13299 mg/L (48 h)	Daphnia magna	Crustace
EC: 200-661-7	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae

#### Chronic toxicity:

Identification		Concentration	Species	Genus
Sodium p-cumenesulphonate	NOEC	Not relevant		
CAS: 15763-76-5 EC: 239-854-6	NOEC	30 mg/L	Daphnia magna	Crustacean
Dipropylene Glycol Methyl Ether	NOEC	Not relevant		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean
D-Glucopyranose, oligomers, decyl octyl glycosides	NOEC	1,8 mg/L	Danio rerio	Fish
CAS: 68515-73-1 EC: 500-220-1	NOEC	2 mg/L	Daphnia magna	Crustacean
Etidronic acid	NOEC	Not relevant		
CAS: 2809-21-4 EC: 220-552-8	NOEC	6,75 mg/L	Daphnia magna	Crustacean
Amines, C12-14 -alkyldimethyl , N-Oxides	NOEC	0,495 mg/L	Pimephales promelas	Fish
CAS: 308062-28-4 EC: 931-292-6	NOEC	0,7 mg/L	Daphnia magna	Crustacean

# 12.2 Persistence and degradability:

# Substance-specific information:

Identification	De	gradability	Biode	gradability
Sodium p-cumenesulphonate	BOD5	Not relevant	Concentration	20 mg/L
CAS: 15763-76-5	COD	Not relevant	Period	28 days
EC: 239-854-6	BOD5/COD	Not relevant	% Biodegradable	100 %
Dipropylene Glycol Methyl Ether	BOD5	Not relevant	Concentration	Not relevant
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Not relevant	% Biodegradable	73 %
D-Glucopyranose, oligomers, decyl octyl glycosides	BOD5	Not relevant	Concentration	Not relevant
CAS: 68515-73-1	COD	Not relevant	Period	28 days
EC: 500-220-1	BOD5/COD	Not relevant	% Biodegradable	100 %
Amines, C12-14 -alkyldimethyl , N-Oxides	BOD5	Not relevant	Concentration	73 mg/L
CAS: 308062-28-4	COD	Not relevant	Period	28 days
EC: 931-292-6	BOD5/COD	Not relevant	% Biodegradable	90 %
propan-2-ol	BOD5	1,19 g O2/g	Concentration	100 mg/L
CAS: 67-63-0	COD	2,23 g O2/g	Period	14 days
EC: 200-661-7	BOD5/COD	0,53	% Biodegradable	86 %

# 12.3 Bioaccumulative potential:

# Substance-specific information:

Identification	Bioaccumulation potential		
Dipropylene Glycol Methyl Ether	BCF	1	
CAS: 34590-94-8	Pow Log	-0.06	
EC: 252-104-2	Potential	Low	
propan-2-ol	BCF	3	
CAS: 67-63-0	Pow Log	0.05	
EC: 200-661-7	Potential	Low	



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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Revised: Not applicable

# 12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
D-Glucopyranose, oligomers, decyl octyl glycosides	Кос	50	Henry	1,2E-8 Pa·m <sup>3</sup> /mol
CAS: 68515-73-1	Conclusion	Very High	Dry soil	No
EC: 500-220-1	Surface tension	Not relevant	Moist soil	No
Amines, C12-14 -alkyldimethyl , N-Oxides	Кос	307	Henry	4E-9 Pa·m <sup>3</sup> /mol
CAS: 308062-28-4	Conclusion	Very High	Dry soil	No
EC: 931-292-6	Surface tension	Not relevant	Moist soil	No
propan-2-ol	Кос	1.5	Henry	8,207E-1 Pa·m <sup>3</sup> /mol
CAS: 67-63-0	Conclusion	Very High	Dry soil	Yes
EC: 200-661-7	Surface tension	2,24E-2 N/m (25 °C)	Moist soil	Yes

Water-soluble

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

Product does not meet PBT/vPvB criteria

# 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

#### 12.7 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
20 01 29*	detergents containing hazardous substances	Hazardous

#### Type of waste (Regulation (EU) No 1357/2014):

HP8 Corrosive

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### **Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# SECTION 14: TRANSPORT INFORMATION

# Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

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SECTION 14: TRANSPORT INFORMATION (continued)					
14.2 14.3 14.4 14.4 14.5 14.6	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user Special regulations: Tunnel restriction code: Physico-Chemical properties: Limited quantities: Maritime transport in bulk	UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hydroxide) 8 8 II No 274 E see section 9 1 L			
14.7	according to IMO	Not relevant			
Transport of dangero					
With regard to IMDG 41					
14.2 14.3	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels:	UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hydroxide) 8 8			
	Packing group: Marine pollutant:	II No			
14.6	Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties: Limited quantities: Segregation group: Maritime transport in bulk according to IMO instruments:	274 F-A, S-B see section 9 1 L SGG18 Not relevant			
Transport of dangero					
With regard to IATA/ICAO 2024:					
14.2	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels:	UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hydroxide) 8 8			
14	Special precautions for user	II No			
14.7	Physico-Chemical properties: Maritime transport in bulk according to IMO instruments:	see section 9 Not relevant			
1					

# SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: propan-2-ol (67-63-0) - PT: (1,2,4)

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant

- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant

- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Regulation (EC) No 648/2004 on detergents:



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# SECTION 15: REGULATORY INFORMATION (continued)

#### In accordance with this regulation the product complies with the following:

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The tensoactives contained in this mixture comply with the biodegradibility criteria stipulated in Regulation (EC)  $n^{0}648/2004$  on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

#### Labelling for contents:

Component	Concentration interval			
Amphoteric surfactants	% (w/w) < 5			
Non-ionic surfactants	% (w/w) < 5			
Anionic surfactants	% (w/w) < 5			
Phosphonates	% (w/w) < 5			
Seveso III:				

# Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:

----ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,

-tricks and jokes,

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII

- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

#### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

#### Texts of the legislative phrases mentioned in section 2:

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H290: May be corrosive to metals.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

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SECTION 16: OTHER INFOR	MATION (continued)					
Acute Tox. 4: H302 - Harmful if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Met. Corr. 1: H290 - May be corrosive to metals. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.						
Classification procedure: Skin Corr. 1: Calculation method						
Eye Dam. 1: Calculation method						
Advice related to training:						
	Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.					
Principal bibliographica	Principal bibliographical sources:					
http://echa.europa.eu						
http://eur-lex.europa.eu Abbreviations and acro	NWE					
ADR: European agreement IMDG: International mariti IATA: International Air Tra ICAO: International Civil A COD: Chemical Oxygen De BOD5: 5day biochemical o BCF: Bioconcentration fact LD50: Lethal Dose 50 LC50: Lethal Concentration EC50: Effective concentrat LogPOW: Octanolwater pa Koc: Partition coefficient of UFI: unique formula identii IARC: International Agency	nsport Association viation Organisation mand kygen demand or 1 50 ton 50 rtition coefficient <sup>c</sup> organic carbon fier	iage of dangerous good	s by road			
	ion research on cancer					

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.