

CLEANBING  
Code : G2564

Version: 4

Revision: 12/07/2023

Previous revision: 17/07/2019

Date of printing: 12/07/2023

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	<b>PRODUCT IDENTIFIER:</b> CLEANBING Code : G2564      UFI: 4C0Q-AP32-H9FC-105P
1.2	<b>RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:</b> <u>Intended uses (main technical functions):</u> <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Professional <input type="checkbox"/> Consumers Professional purpose product for cleaning and maintenance. <u>Sectors of use:</u> Professional uses (SU22). <u>Types of PCN use:</u> Other cleaning, care and maintenance products (excludes biocidal products). <u>Uses advised against:</u> This product is not recommended for any use or sector of use (industrial, professional or consumer) other than those previously listed as "Intended or identified uses". <u>Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:</u> Not restricted.
1.3	<b>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:</b> Marco Antonio Jubes Angarita C/ del Canigó, 13 - 08550 Els Hostalets de Balenyà (Barcelona) ESPAÑA Phone number: +34 62 9569992 <u>- E-mail address of the person responsible for the Safety Data Sheet:</u> marco@punksetter.com
1.4	<b>EMERGENCY TELEPHONE NUMBER:</b> +34 62 9569992 9:00-14:00 / 16:00-19:00 h.

## SECTION 2 : HAZARDS IDENTIFICATION

2.1	<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:</b> Classification of mixtures is carried out in accordance with the following principles: a) when data (tests) for the classification of mixtures are available, generally is carried out based on these data, b) in the absence of data (tests) for mixtures are generally used interpolation or extrapolation methods of assessing the risk, using the available data for mixtures similarly classified, and c) in the absence of tests and information which would allow to apply interpolation or extrapolation techniques, methods are used to classify risk assessment based on the data of the individual components in the mixture. <u>Classification in accordance with Regulation (EU) No. 1272/2008~2021/849 (CLP):</u> DANGER:Eye Dam. 1:H318 Skin Sens. 1:H317																								
	<table border="1"> <thead> <tr> <th>Danger class</th> <th>Classification of the mixture</th> <th>Cat.</th> <th>Routes of exposure</th> <th>Target organs</th> <th>Effects</th> </tr> </thead> <tbody> <tr> <td>Physicochemical: Not classified</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Human health: </td> <td>Eye Dam. 1:H318 c) Skin Sens. 1:H317 c)</td> <td>Cat.1 Cat.1</td> <td>Eyes Skin</td> <td>Eyes Skin</td> <td>Serious lesions Allergy</td> </tr> <tr> <td>Environment: Not classified</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Danger class	Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects	Physicochemical: Not classified						Human health:	Eye Dam. 1:H318 c) Skin Sens. 1:H317 c)	Cat.1 Cat.1	Eyes Skin	Eyes Skin	Serious lesions Allergy	Environment: Not classified					
Danger class	Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects																				
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Human health:	Eye Dam. 1:H318 c) Skin Sens. 1:H317 c)	Cat.1 Cat.1	Eyes Skin	Eyes Skin	Serious lesions Allergy																				
Environment: Not classified																									
	Full text of hazard statements mentioned is indicated in section 16.  Note: When in section 3 a range of percentages is used, the health and environmental hazards describe the effects of the highest concentration of each component, but below the maximum value.																								
2.2	<b>LABEL ELEMENTS:</b> <div style="display: flex; align-items: center;"> <div>             This product is labelled with the signal word DANGER in accordance with Regulation (EU) No. 1272/2008~2021/849 (CLP)           </div> </div> <u>- Hazard statements:</u> H318      Causes serious eye damage. H317      May cause an allergic skin reaction. <u>- Precautionary statements:</u> P102      Keep out of reach of children. P280      Wear protective gloves, clothing and eye protection. P363      Wash contaminated clothing before reuse. P303+P361+P353      IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower] 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 or doctor. <u>- Supplementary statements:</u>  <u>- Substances that contribute to classification:</u>																								



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Alcohols, C12-14(even numbered), ethoxylated(5-15)

2.3	OTHER HAZARDS:
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Hazards which do not result in classification but which may contribute to the overall hazards of the mixture:

- Other physicochemical hazards:

No other relevant adverse effects are known.

- Other adverse human health effects:

No other relevant adverse effects are known.

- Other negative environmental effects:

Does not contain substances that fulfil the PBT/vPvB criteria.

Endocrine disrupting properties:

This product does not contain substances with endocrine disrupting properties identified or under evaluation.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1	SUBSTANCES:
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Not applicable (mixture).

3.2	MIXTURES:
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This product is a mixture.

Chemical description:

Mixture of chemical substances in aqueous media.

HAZARDOUS INGREDIENTS:

Substances taking part in a percentage higher than the exemption limit:

2,5 < C < 5 %	 Citric acid monohydrate CAS: 5949-29-1, EC: 201-069-1, REACH: 01-2119457026-42 CLP: Warning: Eye Irrit. 2:H319	Autoclassified REACH
1 < C < 3 %	  Alcohols, C12-14(even numbered), ethoxylated(5-15) CAS: 68439-50-9, EC: Polymer, REACH: Exempt (polymer) CLP: Danger: Acute Tox. (oral) 4:H302 (ATE=500 mg/kg)   Eye Dam. 1:H318   Aquatic Chronic 3:H412	Autoclassified Notified
1 < C ≤ 2 %	   Tetrasodium ethylenediaminetetraacetate CAS: 64-02-8, EC: 200-573-9, REACH: 01-2119486762-27 CLP: Danger: Acute Tox. (inh.) 4:H332 (ATE=1740 mg/m3)   Acute Tox. (oral) 4:H302 (ATE=1780 mg/kg)   Eye Dam. 1:H318   STOT RE 2:H373	REACH
C ≤ 1 %	 Sodium p-cumenesulphonate CAS: 15763-76-5, EC: 239-854-6, REACH: 01-2119489411-37 CLP: Warning: Eye Irrit. 2:H319	Autoclassified REACH
C ≤ 1 %	  C10-C12-alcohol ethoxylated/propoxylated CAS: 68154-97-2, EC: 614-340-8 CLP: Danger: Acute Tox. (oral) 4:H302 (ATE=950 mg/kg)   Eye Dam. 1:H318	Autoclassified
C ≤ 0,0025 %	   2-methylisothiazol-3(2H)-one CAS: 2682-20-4, EC: 220-239-6, REACH: 01-2120764690-50 CLP: Danger: Acute Tox. (inh.) 2:H330 (ATE=110 mg/m3)   Acute Tox. (skin) 3:H311 (ATE=242 mg/kg)   Acute Tox. (oral) 3:H301 (ATE=148 mg/kg)   Skin Corr. 1B:H314   Eye Dam. 1:H318   Aquatic Acute 1:H400 (M=10)   Aquatic Chronic 1:H410 (M=1)   EUH071   Skin Sens. 1A:H317	REACH / ATP13
		Skin Sens. 1A, H317: C ≥ 0,0015 %

Impurities:

Does not contain other components or impurities which will influence the classification of the product.

### Stabilizers:

None.

Reference to other sections:

For more information on hazardous ingredients, see sections 8, 11, 12 and 16.

### SUBSTANCES OF VERY HIGH CONCERN (SVHC):

List updated by ECHA on 17/01/2023.

Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006:

None.

Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006:

None.

PERSISTENT, BIOACCUMULABLE AND TOXIC PBT, OR VERY PERSISTENT AND VERY BIOACCUMULABLE VPVB

SUBSTANCES:

Does not contain substances that fulfil the PBT/vPvB criteria.



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## SECTION 4: FIRST AID MEASURES

4.1

DESCRIPTION OF FIRST AID MEASURES:

Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Lifeguards should pay attention to self-protection and use the recommended protective equipment if there is a possibility of exposure. Wear protective gloves when administering first aid.

Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures
Inhalation:	It is not expected that symptoms will occur under normal conditions of use.	Remove the patient out of the contaminated area into the fresh air.
Skin:	Skin contact causes redness and pain.	Remove contaminated clothing. Wash with water and soap.
Eyes:	Contact with the eyes produces redness, pain and serious burns.	Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. If irritation persists, consult a physician.
Ingestion:	If swallowed, may cause gastrointestinal disturbances.	If swallowed, seek medical advice immediately and show container or label. Due to its acid condition, the effects can be reduced to a minimum by drinking plenty of water, to which milk of magnesia has been added. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.

4.2

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

The main symptoms and effects are indicated in sections 4.1 and 11.1

4.3

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:Notes to physician:

Damage caused by detergents and tensioactives to intestinal mucus is irreversible. Do not induce vomiting. Pump out stomach prior to the addition of dimeticone (antifrothing agent).

Antidotes and contraindications:

Specific antidote not known.

## SECTION 5: FIREFIGHTING MEASURES

5.1

EXTINGUISHING MEDIA:

In case of fire in the surroundings, all extinguishing agents are allowed.

5.2

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, Carbon dioxide, nitrogen oxides, sulfur oxides. Exposure to combustion or decomposition products may be a hazard to health.

5.3

ADVICE FOR FIREFIGHTERS:Special protective equipment:

Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or is not being used, combat fire from a sheltered position or from a safe distance. The standard EN469 provides a basic level of protection for chemical incidents.

Other recommendations:

Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:</b> Avoid direct contact with this product. Avoid breathing vapours. Keep people without protection in opposition to the wind direction.
6.2	<b>ENVIRONMENTAL PRECAUTIONS:</b> Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.
6.3	<b>METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:</b> Contain and mop up spills with absorbent materials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc.). Transfer to a suitable container for recovery or elimination. Neutralize with carbonate or sodium bicarbonate. Finally, clean up the area with plenty of water. Keep the remains in a closed container.
6.4	<b>REFERENCE TO OTHER SECTIONS:</b> For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For waste disposal, follow the recommendations in section 13.

## SECTION 7: HANDLING AND STORAGE

7.1	<b>PRECAUTIONS FOR SAFE HANDLING:</b> Comply with the existing legislation on health and safety at work. <u>- General recommendations:</u> Avoid any type of leakage or escape. Keep the container tightly closed. <u>- Recommendations for the prevention of fire and explosion risks:</u> The product is not liable to ignite, deflagrate or explode, and does not sustain the combustion reaction by oxygen from air in the environment in which it is, so it is not included in the scope of Directive 2014/34/EU concerning equipment and protective systems intended for use in potentially explosive atmospheres. <u>- Recommendations for the prevention of toxicological risks:</u> Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8. <u>- Recommendations for the prevention of environmental contamination:</u> It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.
7.2	<b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:</b> Forbid the entry to unauthorized persons. Keep out of reach of children. Keep away from sources of heat. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10. <u>- Class of store:</u> According to current legislation. <u>- Maximum storage period:</u> -999996 Months. <u>- Temperature interval:</u> min:5 °C, max:35 °C (recommended). <u>- Incompatible materials:</u> Keep away from oxidizing agents, acids, alkalis, reducing agents, metals. <u>- Type of packaging:</u> According to current legislation. <u>- Limit quantity (Seveso III): Directive 2012/18/EU:</u> Not applicable (the classification criteria are not met).
7.3	<b>SPECIFIC END USE(S):</b> For the use of this product particular recommendations apart from that already indicated are not available.



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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1

CONTROL PARAMETERS:

If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

- OCCUPATIONAL EXPOSURE LIMIT VALUES (WEL)

Not established

- BIOLOGICAL LIMIT VALUES:

Not established

- DERIVED NO-EFFECT LEVEL (DNEL):

Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH. DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

- DERIVED NO-EFFECT LEVEL, WORKERS:- Systemic effects, acute and chronic:	DNEL Inhalation mg/m3	DNEL Cutaneous mg/kg bw/d	DNEL Oral mg/kg bw/d
Alcohols, C12-14(even numbered), ethoxylated(5-15)	- (a) - (c)	- (a) - (c)	- (a) - (c)
C10-C12-alcohol ethoxylated/propoxylated	- (a) - (c)	- (a) - (c)	- (a) - (c)
Sodium p-cumenesulphonate	- (a) 53,6 (c)	- (a) 7,6 (c)	- (a) - (c)
Citric acid monohydrate	- (a) - (c)	- (a) - (c)	- (a) - (c)
Tetrasodium ethylenediaminetetraacetate	3 (a) 1,5 (c)	- (a) - (c)	- (a) - (c)
2-methylisothiazol-3(2H)-one	s/r (a) s/r (c)	s/r (a) s/r (c)	- (a) - (c)
- DERIVED NO-EFFECT LEVEL, WORKERS:- Local effects, acute and chronic:	DNEL Inhalation mg/m3	DNEL Cutaneous mg/cm2	DNEL Eyes mg/cm2
Alcohols, C12-14(even numbered), ethoxylated(5-15)	- (a) - (c)	- (a) - (c)	- (a) - (c)
C10-C12-alcohol ethoxylated/propoxylated	- (a) - (c)	- (a) - (c)	- (a) - (c)
Sodium p-cumenesulphonate	- (a) - (c)	- (a) - (c)	- (a) - (c)
Citric acid monohydrate	- (a) - (c)	- (a) - (c)	- (a) - (c)
Tetrasodium ethylenediaminetetraacetate	3 (a) 1,5 (c)	- (a) - (c)	m/r (a) - (c)
2-methylisothiazol-3(2H)-one	0,043 (a) 0,021 (c)	m/r (a) s/r (c)	a/r (a) - (c)

- Derived no-effect level, general population:

Not applicable (product for professional or industrial use).

(a) - Acute, short-term exposure, (c) - Chronic, long-term or repeated exposure.

(-) - DNEL not available (without data of registration REACH).

s/r - DNEL not derived (not identified hazard).

m/r - DNEL not derived (medium hazard).

a/r - DNEL not derived (high hazard).

- PREDICTED NO-EFFECT CONCENTRATION (PNEC):

- PREDICTED NO-EFFECT CONCENTRATION, AQUATIC ORGANISMS:- Fresh water, marine water and intermittent release:	PNEC Fresh water mg/l	PNEC Marine mg/l	PNEC Intermittent mg/l
Alcohols, C12-14(even numbered), ethoxylated(5-15)	-	-	-
C10-C12-alcohol ethoxylated/propoxylated	-	-	-
Sodium p-cumenesulphonate	0.23	-	2.3
Citric acid monohydrate	0.44	0.044	-
Tetrasodium ethylenediaminetetraacetate	2.83	0.283	1
2-methylisothiazol-3(2H)-one	0.00339	0.00339	-
- WASTEWATER TREATMENT PLANTS (STP) AND SEDIMENTS IN FRESH- AND MARINE WATER:	PNEC STP mg/l	PNEC Sediments mg/kg dw/d	PNEC Sediments mg/kg dw/d
Alcohols, C12-14(even numbered), ethoxylated(5-15)	-	-	-
C10-C12-alcohol ethoxylated/propoxylated	-	-	-
Sodium p-cumenesulphonate	100	s/r	s/r
Citric acid monohydrate	1000	34.6	3.46
Tetrasodium ethylenediaminetetraacetate	50	-	-
2-methylisothiazol-3(2H)-one	0.23	s/r	s/r
- PREDICTED NO-EFFECT CONCENTRATION, TERRESTRIAL ORGANISMS:- Air, soil and effects for predators and humans:	PNEC Air mg/m3	PNEC Soil mg/kg dw/d	PNEC Oral mg/kg dw/d
Alcohols, C12-14(even numbered), ethoxylated(5-15)	-	-	-



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C10-C12-alcohol ethoxylated/propoxylated	-	-	-
Sodium p-cumenesulphonate	-	s/r	n/b
Citric acid monohydrate	-	33.1	-
Tetrasodium ethylenediaminetetraacetate	s/r	1.1	n/b
2-methylisothiazol-3(2H)-one	s/r	0.047	n/b

(-) - PNEC not available (without data of registration REACH).

n/b - PNEC not derived (not bioaccumulative potential).

s/r - PNEC not derived (not identified hazard).

8.2

#### EXPOSURE CONTROLS:

##### ENGINEERING MEASURES:



Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

##### - Protection of respiratory system:

Avoid the inhalation of vapours.

##### - Protection of eyes and face:

Install water taps, sources or eyewash bottles with clean water close to the working area.

##### - Protection of hands and skin:

It is recommended to install water taps or sources with clean water close to the working area.

##### OCCUPATIONAL EXPOSURE CONTROLS: REGULATION (EU) NO. 2016/425:

As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc.), you should consult the informative brochures provided by the manufacturers of PPE.

Mask: 	✓	No, unless there is a probability of exposure over the Occupational Exposure Limit of the product. No, unless the inhalation of mists is to be avoided.
Safety goggles: 	✓	Safety goggles for chemicals, with suitable lateral protection (EN166).
Face shield:		No.
Gloves: 	✓	Gloves resistant against chemicals (EN374).
Boots:		No.
Apron:		No.
Clothing: 	✓	Suitable work clothes which avoid contact with the product should be worn.

##### - Thermal hazards:

Not applicable (the product is handled at room temperature).

##### ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid any spillage in the environment. Avoid any release into the atmosphere.

##### - Spills on the soil:

Prevent contamination of soil.

##### - Spills in water:

Do not allow to escape into drains, sewers or water courses.

##### -Water Management Act:

This product does not contain any substance included in the list of priority substances in the field of water policy under Directive 2000/60/EC~2013/39/EU.

##### - Emissions to the atmosphere:

Not applicable.





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## SECTION 10: STABILITY AND REACTIVITY

10.1	<b>REACTIVITY:</b> <u>- Corrosivity to metals:</u> It is not corrosive to metals. <u>- Pyrophorical properties:</u> It is not pyrophoric.
10.2	<b>CHEMICAL STABILITY:</b> Stable under recommended storage and handling conditions.
10.3	<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b> Possible dangerous reaction with oxidizing agents, acids, alkalis, reducing agents, metals.
10.4	<b>CONDITIONS TO AVOID:</b> <u>- Heat:</u> Keep away from sources of heat. <u>- Light:</u> If possible, avoid direct contact with sunlight. <u>- Air:</u> The product is not affected by exposure to air, but should not be left the containers open. <u>- Pressure:</u> Not relevant. <u>- Shock:</u> The product is not sensitive to shocks, but as a recommendation of a general nature should be avoided bumps and rough handling to avoid dents and breakage of packaging, especially when the product is handled in large quantities, and during loading and download operations.
10.5	<b>INCOMPATIBLE MATERIALS:</b> Keep away from oxidizing agents, acids, alkalis, reducing agents, metals.
10.6	<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> As consequence of thermal decomposition, hazardous products may be produced: nitrogen oxides, sulfur oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available. The toxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2021/849 (CLP).				
11.1	<b>INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008 :</b> <b>ACUTE TOXICITY:</b>			
	Dose and lethal concentrations for individual ingredients:	DL50 (OECD401) mg/kg bw Oral	DL50 (OECD402) mg/kg bw Cutaneous	CL50 (OECD403) mg/m3·4h Inhalation
	Alcohols, C12-14(even numbered), ethoxylated(5-15)		> 2000 Rat	
	C10-C12-alcohol ethoxylated/propoxylated	950 Rat		
	Sodium p-cumenesulphonate	7000 Rat	> 2000 Rabbit	> 6410 Rat
	Citric acid monohydrate	6730 Rat	5500 Rat	
	Tetrasodium ethylenediaminetetraacetate	1780 Rat		> 1740 Rat
	2-methylisothiazol-3(2H)-one	148 Rat	242 Rat	> 110 Rat
	Estimates of acute toxicity (ATE) for individual ingredients:	ATE mg/kg bw Oral	ATE mg/kg bw Cutaneous	ATE mg/m3·4h Inhalation
	Alcohols, C12-14(even numbered), ethoxylated(5-15)	* > 500	-	-
	C10-C12-alcohol ethoxylated/propoxylated	950	-	-
	Sodium p-cumenesulphonate	-	-	6410
	Tetrasodium ethylenediaminetetraacetate	1780	-	1740
	2-methylisothiazol-3(2H)-one	148	242	110
(*) - Point estimates of acute toxicity corresponding to the classification category (see GHS/CLP Table 3.1.2). These values are designed to be used in the calculation of the ATE for classification of a mixture based on its components and do not represent test results. (-) - The components that are assumed to have no acute toxicity at the upper threshold of category 4 for the corresponding exposure route are ignored.				
	- No observed adverse effect level	NOAEL Oral mg/kg bw/d	NOAEL Cutaneous mg/kg bw/d	NOAEC Inhalation mg/m3
	Tetrasodium ethylenediaminetetraacetate	500 Rat		3 Rat
	- Lowest observed adverse effect level	LOAEL Oral mg/kg bw/d	LOAEL Cutaneous mg/kg bw/d	LOAEC Inhalation mg/m3
	Tetrasodium ethylenediaminetetraacetate	60 Rat		15 Rat
<b>INFORMATION ON LIKELY ROUTES OF EXPOSURE: ACUTE TOXICITY:</b>				
	Routes of exposure	Acute toxicity	Cat.	Main effects, acute and/or delayed
				Criteria



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Inhalation: Not classified	ATE > 20000 mg/m <sup>3</sup>	-	Not classified as a product with acute toxicity if inhaled (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.
Skin: Not classified	ATE > 5000 mg/kg bw	-	Not classified as a product with acute toxicity in contact with skin (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.
Eyes: Not classified	Not available.	-	Not classified as a product with acute toxicity by eye contact (lack of data).	GHS/CLP 1.2.5.
Ingestion: Not classified	ATE > 5000 mg/kg bw	-	Not classified as a product with acute toxicity if swallowed (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.

GHS/CLP 3.1.3.6: Classification of mixtures based on ingredients of the mixture (additivity formula).

CORROSION / IRRITATION / SENSITISATION :

Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
- Respiratory corrosion/irritation: Not classified	-	-	Not classified as a product corrosive or irritant by inhalation (based on available data, the classification criteria are not met).	GHS/CLP 1.2.6. 3.8.3.4.
- Skin corrosion/irritation: Not classified	-	-	Not classified as a product corrosive or irritant in contact with skin (based on available data, the classification criteria are not met).	GHS/CLP 3.2.3.3.
- Serious eye damage/irritation: 	Eyes 	Cat.1	DAMAGE: Causes serious eye damage.	GHS/CLP 3.3.3.3.
- Respiratory sensitisation: Not classified	-	-	Not classified as a product sensitising by inhalation (based on available data, the classification criteria are not met).	GHS/CLP 3.4.3.3.
- Skin sensitisation: 	Skin 	Cat.1	SENSITISING: May cause an allergic skin reaction.	GHS/CLP 3.4.3.3.

GHS/CLP 3.2.3.3: Classification of the mixture when data are available for all components or only for some components.

GHS/CLP 3.3.3.3: Classification of the mixture when data are available for all components or only for some components.

GHS/CLP 3.4.3.3: Classification of the mixture when data are available for all components or only for some components.

GHS/CLP 3.8.3.4: Classification of the mixture when data are available for all components or only for some components.

- ASPIRATION HAZARD:

Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
- Aspiration hazard: Not classified	-	-	Not classified as a product hazardous by aspiration (based on available data, the classification criteria are not met).	GHS/CLP 3.10.3.3.

GHS/CLP 3.10.3.3: Classification of the mixture when data are available for all components or only for some components.

SPECIFIC TARGET ORGANS TOXICITY (STOT): Single exposure (SE) and/or Repeated exposure (RE):

Not classified as a dangerous product for target organs.

GHS/CLP 3.8.3.4: Classification of the mixture when data are available for all components or only for some components.

CMR EFFECTS:- Carcinogenic effects:

It is not considered as a carcinogenic product.

- Genotoxicity:

It is not considered as a mutagenic product.

- Toxicity for reproduction:

Does not harm fertility. Does not harm the unborn child.

- Effects via lactation:

Not classified as a hazardous product for children breast-fed.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:Routes of exposure

Not available.

- Short-term exposure:

Causes serious eye damage.

- Long-term or repeated exposure:

Not available.



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**INTERACTIVE EFFECTS:**

Not available.

**INFORMATION ABOUT TOXICOCINETICS, METABOLISM AND DISTRIBUTION:**- Dermal absorption:

Not available.

- Basic toxicokinetics:

Not available.

**ADDITIONAL INFORMATION:**

Not available.

**11.2 INFORMATION ON OTHER HAZARDS:**Endocrine disrupting properties:

This product does not contain substances with endocrine disrupting properties identified or under evaluation.

Other information:

No additional information available.

**SECTION 12: ECOLOGICAL INFORMATION**

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2021/849 (CLP).

**12.1 TOXICITY:**

- Acute toxicity in aquatic environment for individual ingredients	CL50 (OECD 203) mg/l · 96hours	CE50 (OECD 202) mg/l · 48hours	CE50 (OECD 201) mg/l · 72hours
Alcohols, C12-14(even numbered), ethoxylated(5-15)	1 - Fishes	0.53 - Daphniae	0.41 - Algae
C10-C12-alcohol ethoxylated/propoxylated	12 - Daphniae		
Sodium p-cumenesulphonate	1000 - Fishes	1020 - Daphniae	
Citric acid monohydrate	440 - Fishes	120 - Daphniae	640 - Algae
Tetrasodium ethylenediaminetetraacetate	100 - Fishes	100 - Daphniae	100 - Algae
2-methylisothiazol-3(2H)-one	4.8 - Fishes	0.93 - Daphniae	0.072 - Algae

- No observed effect concentration	NOEC (OECD 210) mg/l · 28 days	NOEC (OECD 211) mg/l · 21 days	NOEC (OECD 201) mg/l · 72 hours
Alcohols, C12-14(even numbered), ethoxylated(5-15)	0.1 - Fishes		
Tetrasodium ethylenediaminetetraacetate		25 - Daphniae	48 - Algae
2-methylisothiazol-3(2H)-one	4.9 - Fishes	0.044 - Daphniae	0.038 - Algae

- Lowest observed effect concentration

Not available

**ASSESSMENT OF AQUATIC TOXICITY:**

Aquatic toxicity	Cat.	Main hazards to the aquatic environment	Criteria
- Acute aquatic toxicity:	-	Not classified as a hazardous product with acute toxicity to aquatic life (based on available data, the classification criteria are not met).	GHS/CLP 4.1.3.5.5.3.
- Chronic aquatic toxicity:	-	Not classified as a dangerous product with chronic toxicity to aquatic life with long lasting effects (based on available data, the classification criteria are not met).	GHS/CLP 4.1.3.5.5.4.

CLP 4.1.3.5.5.3: Classification of a mixture for acute hazards, based on summation of classified components.

CLP 4.1.3.5.5.4: Classification of a mixture for chronic (long term) hazards, based on summation of classified components.

**12.2 PERSISTENCE AND DEGRADABILITY:**- Biodegradability:

Not readily biodegradable.

Aerobic biodegradation for individual ingredients	COD mgO2/g	%DBO/DQO 5 days 14 days 28 days	Biodegradabilidad
Alcohols, C12-14(even numbered), ethoxylated(5-15)		- - 95	Easy
C10-C12-alcohol ethoxylated/propoxylated		- - 93	Easy
Sodium p-cumenesulphonate		60 - 87	Easy
Citric acid monohydrate	677	72 85 97	Inherently
Tetrasodium ethylenediaminetetraacetate	550	1 - 8	Not easy
2-methylisothiazol-3(2H)-one		- - 54	Not easy

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Note: Biodegradability data correspond to an average of data from various bibliographic sources.

- Hydrolysis:

Not available.

- Photodegradability:

Not available.

**12.3** BIOACCUMULATIVE POTENTIAL:

May bioaccumulate.

Bioaccumulation for individual ingredients	logPow	BCF L/kg	Potential
Alcohols, C12-14(even numbered), ethoxylated(5-15)	6.1		Unlikely, low
C10-C12-alcohol ethoxylated/propoxylated	4.98	37.8 (calculated)	Low
Sodium p-cumenesulphonate	-1.1		No bioaccumulable
Citric acid monohydrate	-1.72	3.2 (calculated)	No bioaccumulable
Tetrasodium ethylenediaminetetraacetate	-13.2	1.8 (calculated)	No bioaccumulable
2-methylisothiazol-3(2H)-one	-0.48	3.2 (calculated)	No bioaccumulable

**12.4** MOBILITY IN SOIL:

Not available

Mobility for individual ingredients	log Poc	Constant of Henry Pa·m <sup>3</sup> /mol 20°C	Potential
C10-C12-alcohol ethoxylated/propoxylated	3,59		Low
Citric acid monohydrate	-1,16		No bioaccumulable
Tetrasodium ethylenediaminetetraacetate	2,5		No bioaccumulable
2-methylisothiazol-3(2H)-one	0,44		No bioaccumulable

**12.5** RESULTS OF PBT AND VPVB ASSESMENT:(Annex XIII of Regulation (EC) no. 1907/2006:)

Does not contain substances that fulfil the PBT/vPvB criteria.

**12.6** ENDOCRINE DISRUPTING PROPERTIES:

This product does not contain substances with endocrine disrupting properties identified or under evaluation.

**12.7** OTHER ADVERSE EFFECTS:- Ozone depletion potential:

Not available.

- Photochemical ozone creation potential:

Not available.

- Earth global warming potential:

Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1** WASTE TREATMENT METHODS:Directive 2008/98/EC~Regulation (EU) no. 1357/2014:

Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose at an authorised waste collection point. Waste should be handled and disposed in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

Disposal of empty containers:Directive 94/62/EC~2015/720/EU, Decision 2000/532/EC~2014/955/EU:

Emptied containers and packaging should be disposed in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of emptying of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.

Procedures for neutralising or destroying the product:

Authorised landfill in accordance with local regulations.

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## SECTION 14: TRANSPORT INFORMATION

14.1	<u>UN NUMBER OR ID NUMBER:</u> Not applicable
14.2	<u>UN PROPER SHIPPING NAME:</u> Not applicable
14.3	<u>TRANSPORT HAZARD CLASS(ES):</u> <u>Transport by road (ADR 2023) and</u> <u>Transport by rail (RID 2023):</u> No reglamented <u>Transport by sea (IMDG 40-20):</u> No reglamented <u>Transport by air (ICAO/IATA 2021):</u> No reglamented <u>Transport by inland waterways (ADN):</u> No reglamented
14.4	<u>PACKING GROUP:</u> No reglamented
14.5	<u>ENVIRONMENTAL HAZARDS:</u> Not applicable (not classified as hazardous for the environment).
14.6	<u>SPECIAL PRECAUTIONS FOR USER:</u> Ensure that persons transporting the product know what to do in case of accident or spill. Always transport in closed containers that are upright and secure.
14.7	<u>MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS:</u> Not applicable.

## SECTION 15: REGULATORY INFORMATION

15.1	<u>SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:</u> The regulations applicable to this product generally are listed throughout this Safety Data Sheet. <u>Restrictions on manufacture, placing on market and use:</u> See section 1.2 <u>Tactile warning of danger:</u> Not applicable (the classification criteria are not met). <u>Child safety protection:</u> Not applicable (the classification criteria are not met). <u>Specific legislation on detergents:</u> It is applicable the Regulation (EC) No. 648/2004~907/2006 on detergents. Contains: Less than 5%: Anionic surfactants, Non-ionic surfactants, EDTA and salts thereof, Polycarboxylates. METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE <u>OTHER REGULATIONS:</u> In those aspects not considered by the Regulation (EC) No. 648/2004~907/2006 on detergents, it is applicable the Recommendation 89/542/EEC, for the labelling of detergents and cleaning products. <u>Control of the risks inherent in major accidents (Seveso III):</u> See section 7.2 <u>Other local legislations:</u> The receiver should verify the possible existence of local regulations applicable to the chemical.
15.2	<u>CHEMICAL SAFETY ASSESSMENT:</u> A chemical safety assessment has not been carried out for this mixture.

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## SECTION 16 : OTHER INFORMATION

16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 AND/OR 3:Hazard statements according the Regulation (EU) No. 1272/2008~2021/849 (CLP), Annex III:

H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H332 Harmful if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH071 Corrosive to the respiratory tract. H373 May cause damage to respiratory system through prolonged or repeated exposure if inhaled.

EVALUATION OF THE INFORMATION ON THE DANGER OF MIXTURES:

See sections 9.1, 11.1 and 12.1.

ADVICES ON ANY TRAINING APPROPRIATE FOR WORKERS:

It is recommended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to provide understanding and interpretation of Safety Data Sheets and labelling of products as well.

MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:

- European Chemicals Agency: ECHA, <http://echa.europa.eu/>
- Access to European Union Law, <http://eur-lex.europa.eu/>
- European agreement on the international carriage of dangerous goods by road, (ADR 2023).
- International Maritime Dangerous Goods Code IMDG including Amendment 40-20 (IMO, 2020).

ABBREVIATIONS AND ACRONYMS:

List of abbreviations and acronyms that can be used (but not necessarily used) in this Safety Data Sheet:

- REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals of the United Nations.
- CLP: European regulation on Classification, Labelling and Packaging of substances and chemical mixtures.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- ELINCS: European List of Notified Chemical Substances.
- CAS: Chemical Abstracts Service (Division of the American Chemical Society).
- UVCB: Substances of Unknown or Variable composition, complex reaction products or biological materials.
- SVHC: Substances of Very High Concern.
- PBT: Persistent, bioaccumulable and toxic substances.
- vPvB: Very persistent and very bioaccumulable substances.
- VOC: Volatile Organic Compounds.
- DNEL: Derived No-Effect Level (REACH).
- PNEC: Predicted No-Effect Concentration (REACH).
- LC50: Lethal concentration, 50 percent.
- LD50: Lethal dose, 50 percent.
- UN: United Nations Organisation.
- ADR: European agreement concerning the international carriage of dangerous goods by road.
- RID: Regulations concerning the international transport of dangerous goods by rail.
- IMDG: International Maritime code for Dangerous Goods.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.

SAFETY DATA SHEET REGULATIONS:

Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex of Regulation (EU) No. 2020/878.

HISTORIC: REVISION:

Version: 3 17/07/2019

Version: 4 12/07/2023

Changes since previous Safety Data Sheet:

Legislative, contextual, numerical, methodological and normative changes since the previous version of the present Safety Data Sheet are identified by #.

The information of this Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.