GC Toilet block Enzymatic Power Lavender

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

1.1 Product identifier: GC Toilet block Enzymatic Power Lavender

Other means of identification:

Non-applicable

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

Relevant uses: Additive for cleaning

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

goodscare GmbH
Am Sandtorkai 62
20457 Hamburg - Germany
Phone: +49 40 3680 7499 0 - Fax: +49 40 3680 7499 5
info@goodscare.com
http://www.goodscare.com

1.4 Emergency telephone number: +49 40 368074 990 (8.00-16.00)

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.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Dam. 1: Serious eye damage, Category 1, H318
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger

Hazard statements:

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Substances that contribute to the classification

Contains Sodium C10-13 Alkyl Benzenesulfonate, 4-Tert-Butylcyclohexyl Acetate, 6-Methyl-5-Hepten-2-One, Linalool, Subtilisin.

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria
Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of anionic and non-ionic surfactants

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 68411-30-3 EC: 270-115-0 Index: Non-applicable REACH: 01-2119489428-22-XXXX	**Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (Sodium C10-13 Alkyl Benzenesulfonate)[1]**		Self-classified **10 - <25 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	
CAS: 68439-57-6 EC: 931-534-0 Index: Non-applicable REACH: 01-2119513401-57-XXXX	**Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts[1]**	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	
CAS: 85586-07-8 EC: 287-809-4 Index: Non-applicable REACH: 01-2119489463-28-XXXX	**Sulfuric acid, mono-C12-14-alkyl esters, sodium salts[1]**	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	
CAS: 32210-23-4 EC: 250-954-9 Index: Non-applicable REACH: 01-2119976286-24-XXXX	**4-tert-butylcyclohexyl acetate[1]**	Self-classified	**1 - <2,5 %**
	Regulation 1272/2008	Skin Sens. 1B: H317 - Warning	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	**Linalool[1]**	ATP ATP10	**0,1 - <0,5 %**
	Regulation 1272/2008	Skin Sens. 1B: H317 - Warning	
CAS: 9014-01-1 EC: 232-752-2 Index: 647-012-00-8 REACH: 01-2119480434-38-XXXX	**Subtilisin[1]**	Self-classified	**0,1 - <0,5 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Resp. Sens. 1: H334; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger	
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether[2]**	Not classified	**0,01 - <0,1 %**
	Regulation 1272/2008		
CAS: 110-93-0 EC: 203-816-7 Index: Non-applicable REACH: 01-2119977069-23-XXXX	**6-methylhept-5-en-2-one (6-methyl-5-hepten-2-one)[1]**	Self-classified	**0,01 - <0,1 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	
CAS: 50-00-0 EC: 200-001-8 Index: 605-001-00-5 REACH: 01-2119488953-20-XXXX	**Formaldehyde [2]**	ATP ATP06	**<0,01 %**
	Regulation 1272/2008	Acute Tox. 3: H301+H311+H331; Carc. 1B: H350; Muta. 2: H341; Skin Corr. 1B: H314; Skin Sens. 1: H317 - Danger	

[1] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878
[2] 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:

Identification	Specific concentration limit
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 EC: 931-534-0	% (w/w) >=5: Skin Irrit. 2 - H315 % (w/w) >=38: Eye Dam. 1 - H318 5<= % (w/w) <38: Eye Irrit. 2 - H319
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts CAS: 85586-07-8 EC: 287-809-4	% (w/w) >=20: Eye Dam. 1 - H318 10<= % (w/w) <20: Eye Irrit. 2 - H319
Formaldehyde CAS: 50-00-0 EC: 200-001-8	% (w/w) >=25: Skin Corr. 1B - H314 5<= % (w/w) <25: Skin Irrit. 2 - H315 % (w/w) >=25: Eye Dam. 1 - H318 5<= % (w/w) <25: Eye Irrit. 2 - H319 % (w/w) >=0,2: Skin Sens. 1 - H317 % (w/w) >=5: STOT SE 3 - H335

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, 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:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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:

Non-applicable

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:

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

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

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 with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

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

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

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

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 ºC

Maximum Temp.: 25 ºC

Maximum time: 48 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):

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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:

Identification	Occupational exposure limits		
Dipropylene Glycol Methyl Ether	IOELV (8h)	50 ppm	308 mg/m³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		
Formaldehyde	IOELV (8h)	0,3 ppm	0,37 mg/m³
CAS: 50-00-0 EC: 200-001-8	IOELV (STEL)	0,6 ppm	0,74 mg/m³

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68411-30-3	Dermal	Non-applicable	Non-applicable	119 mg/kg	Non-applicable
EC: 270-115-0	Inhalation	Non-applicable	Non-applicable	7,6 mg/m³	Non-applicable
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68439-57-6	Dermal	Non-applicable	Non-applicable	2158,33 mg/kg	Non-applicable
EC: 931-534-0	Inhalation	Non-applicable	Non-applicable	152,22 mg/m³	Non-applicable
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 85586-07-8	Dermal	Non-applicable	Non-applicable	4060 mg/kg	Non-applicable
EC: 287-809-4	Inhalation	Non-applicable	Non-applicable	285 mg/m³	Non-applicable
Linalool	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-70-6	Dermal	Non-applicable	Non-applicable	3,5 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	Non-applicable	Non-applicable	24,58 mg/m³	Non-applicable
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	283 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	308 mg/m³	Non-applicable
6-methylhept-5-en-2-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 110-93-0	Dermal	Non-applicable	Non-applicable	8,33 mg/kg	Non-applicable
EC: 203-816-7	Inhalation	Non-applicable	Non-applicable	29,39 mg/m³	Non-applicable
Formaldehyde	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	240 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	0,75 mg/m³	9 mg/m³	0,375 mg/m³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Oral	Non-applicable	Non-applicable	0,425 mg/kg	Non-applicable
CAS: 68411-30-3	Dermal	Non-applicable	Non-applicable	42,5 mg/kg	Non-applicable
EC: 270-115-0	Inhalation	Non-applicable	Non-applicable	1,3 mg/m³	Non-applicable
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Oral	Non-applicable	Non-applicable	12,95 mg/kg	Non-applicable
CAS: 68439-57-6	Dermal	Non-applicable	Non-applicable	1295 mg/kg	Non-applicable
EC: 931-534-0	Inhalation	Non-applicable	Non-applicable	45,04 mg/m³	Non-applicable
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Oral	Non-applicable	Non-applicable	24 mg/kg	Non-applicable
CAS: 85586-07-8	Dermal	Non-applicable	Non-applicable	2440 mg/kg	Non-applicable
EC: 287-809-4	Inhalation	Non-applicable	Non-applicable	85 mg/m³	Non-applicable
Linalool	Oral	Non-applicable	Non-applicable	2,49 mg/kg	Non-applicable
CAS: 78-70-6	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	Non-applicable	Non-applicable	4,33 mg/m³	Non-applicable
Subtilisin	Oral	3,6 mg/kg	Non-applicable	1,8 mg/kg	Non-applicable
CAS: 9014-01-1	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 232-752-2	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	121 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	37,2 mg/m³	Non-applicable
6-methylhept-5-en-2-one	Oral	Non-applicable	Non-applicable	5 mg/kg	Non-applicable
CAS: 110-93-0	Dermal	Non-applicable	Non-applicable	5 mg/kg	Non-applicable
EC: 203-816-7	Inhalation	Non-applicable	Non-applicable	8,7 mg/m³	Non-applicable
Formaldehyde	Oral	Non-applicable	Non-applicable	4,1 mg/kg	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	102 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	Non-applicable	3,2 mg/m³	0,1 mg/m³

PNEC:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	STP	3,43 mg/L	Fresh water	0,268 mg/L
CAS: 68411-30-3	Soil	35 mg/kg	Marine water	0,027 mg/L
EC: 270-115-0	Intermittent	0,017 mg/L	Sediment (Fresh water)	8,1 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	6,8 mg/kg
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	STP	4 mg/L	Fresh water	0,024 mg/L
CAS: 68439-57-6	Soil	1,21 mg/kg	Marine water	0,002 mg/L
EC: 931-534-0	Intermittent	0,02 mg/L	Sediment (Fresh water)	0,767 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,077 mg/kg
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	STP	1,35 mg/L	Fresh water	0,131 mg/L
CAS: 85586-07-8	Soil	0,846 mg/kg	Marine water	0,013 mg/L
EC: 287-809-4	Intermittent	0,036 mg/L	Sediment (Fresh water)	4,61 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,461 mg/kg
Linalool	STP	10 mg/L	Fresh water	0,2 mg/L
CAS: 78-70-6	Soil	0,327 mg/kg	Marine water	0,02 mg/L
EC: 201-134-4	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg
Subtilisin	STP	65 mg/L	Fresh water	0,0017 mg/L
CAS: 9014-01-1	Soil	0,568 mg/kg	Marine water	0,00017 mg/L
EC: 232-752-2	Intermittent	0,0009 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
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	Non-applicable	Sediment (Marine water)	7,02 mg/kg
6-methylhept-5-en-2-one	STP	8 mg/L	Fresh water	0,05 mg/L
CAS: 110-93-0	Soil	0,048 mg/kg	Marine water	0,005 mg/L
EC: 203-816-7	Intermittent	0,5 mg/L	Sediment (Fresh water)	0,39 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,039 mg/kg
Formaldehyde	STP	0,19 mg/L	Fresh water	0,44 mg/L
CAS: 50-00-0	Soil	0,2 mg/kg	Marine water	0,44 mg/L
EC: 200-001-8	Intermittent	4,44 mg/L	Sediment (Fresh water)	2,3 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	2,3 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	Protective gloves against minor risks	CE CAT I		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

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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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	CE CAT II	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CE CAT I		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	CE CAT II	EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0,73 % weight
V.O.C. density at 20 ºC:	11,38 kg/m³ (11,38 g/L)
Average carbon number:	9,88
Average molecular weight:	152,79 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Solid
Appearance:	Not available
Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 ºC:	Non-applicable *
Vapour pressure at 50 ºC:	Non-applicable *
Evaporation rate at 20 ºC:	Non-applicable *

Product description:

Density at 20 ºC:	1555 kg/m³

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Relative density at 20 ºC:	1,555
Dynamic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 40 ºC:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 ºC:	Non-applicable *
Partition coefficient n-octanol/water 20 ºC:	Non-applicable *
Solubility in water at 20 ºC:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Flammability:	
Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	225 ºC
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
Explosive (Solid):	
Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *
Particle characteristics:	
Median equivalent diameter:	Non-applicable *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
Other safety characteristics:	
Surface tension at 20 ºC:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information 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.

10.2 Chemical stability:

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
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

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 (CO_2), 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: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : 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.
- Corrosivity/Irritability: 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.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- 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. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
  IARC: Talc (3); d-limonene (3); Coumarin (3); Formaldehyde (1)
- Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. 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. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

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.

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.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD50 oral	2290 mg/kg	Rat
CAS: 68439-57-6	LD50 dermal	6300 mg/kg	Rabbit
EC: 931-534-0	LC50 inhalation	>20 mg/L	
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	LD50 oral	1800 mg/kg	Rat
CAS: 85586-07-8	LD50 dermal	>2000 mg/kg	Rat
EC: 287-809-4	LC50 inhalation	>5 mg/L	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LD50 oral	1080 mg/kg	Rat
CAS: 68411-30-3	LD50 dermal	>2000 mg/kg	
EC: 270-115-0	LC50 inhalation	>5 mg/L	
32210-23-4; 4-tert-butylcyclohexyl acetate	LD50 oral	5000 mg/kg	
CAS: 32210-23-4	LD50 dermal	>5000 mg/kg	
EC: Non-applicable	LC50 inhalation	Non-applicable	
Linalool	LD50 oral	3000 mg/kg	Rat
CAS: 78-70-6	LD50 dermal	5610 mg/kg	Rabbit
EC: 201-134-4	LC50 inhalation	>20 mg/L	
Subtilisin	LD50 oral	>2000 mg/kg	
CAS: 9014-01-1	LD50 dermal	>2000 mg/kg	
EC: 232-752-2	LC50 inhalation	Non-applicable	
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	>20 mg/L	
6-methylhept-5-en-2-one	LD50 oral	4100 mg/kg	Rat
CAS: 110-93-0	LD50 dermal	>2000 mg/kg	
EC: 203-816-7	LC50 inhalation	>20 mg/L	
Formaldehyde	LD50 oral	100 mg/kg	
CAS: 50-00-0	LD50 dermal	300 mg/kg	
EC: 200-001-8	LC50 inhalation	>20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	4350,6 mg/kg (Calculation method)	0 %
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>5 mg/L (4 h) (Calculation method)	Non-applicable

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LC50	1,67 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 68411-30-3	EC50	2,9 mg/L (48 h)	Daphnia magna	Crustacean
EC: 270-115-0	EC50	29 mg/L (96 h)	Selenastrum capricornutum	Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC50	4,2 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 68439-57-6	EC50	4,53 mg/L (48 h)	Daphnia magna	Crustacean
EC: 931-534-0	EC50	5,2 mg/L (72 h)	Skeletonema costatum	Algae
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	LC50	3,6 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 85586-07-8	EC50	4,7 mg/L (48 h)	Daphnia magna	Crustacean
EC: 287-809-4	EC50	20 mg/L (72 h)	Desmodesmus subspicatus	Algae
Subtilisin	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 9014-01-1	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 232-752-2	EC50	>0.1 - 1 mg/L (72 h)		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	Non-applicable		
Formaldehyde	LC50	100 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 50-00-0	EC50	42 mg/L (24 h)	Daphnia magna	Crustacean
EC: 200-001-8	EC50	Non-applicable		

Chronic toxicity:

Identification	Concentration		Species	Genus
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	NOEC	0,23 mg/L	Oncorhynchus mykiss	Fish
CAS: 68411-30-3 EC: 270-115-0	NOEC	1,18 mg/L	Daphnia magna	Crustacean
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	NOEC	Non-applicable		
CAS: 68439-57-6 EC: 931-534-0	NOEC	6,3 mg/L	Daphnia magna	Crustacean
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	NOEC	1,357 mg/L	Pimephales promelas	Fish
CAS: 85586-07-8 EC: 287-809-4	NOEC	Non-applicable		
Dipropylene Glycol Methyl Ether	NOEC	Non-applicable		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean
Formaldehyde	NOEC	Non-applicable		
CAS: 50-00-0 EC: 200-001-8	NOEC	6,4 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	BOD5	Non-applicable	Concentration	34.3 mg/L
CAS: 68411-30-3	COD	Non-applicable	Period	29 days
EC: 270-115-0	BOD5/COD	Non-applicable	% Biodegradable	89 %
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	BOD5	Non-applicable	Concentration	20 mg/L
CAS: 68439-57-6	COD	Non-applicable	Period	28 days
EC: 931-534-0	BOD5/COD	Non-applicable	% Biodegradable	96 %
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	BOD5	Non-applicable	Concentration	3.5 mg/L
CAS: 85586-07-8	COD	Non-applicable	Period	28 days
EC: 287-809-4	BOD5/COD	Non-applicable	% Biodegradable	95 %
Linalool	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 78-70-6	COD	Non-applicable	Period	28 days
EC: 201-134-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
Dipropylene Glycol Methyl Ether	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Non-applicable	% Biodegradable	73 %
6-methylhept-5-en-2-one	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 110-93-0	COD	Non-applicable	Period	28 days
EC: 203-816-7	BOD5/COD	Non-applicable	% Biodegradable	94 %
Formaldehyde	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 50-00-0	COD	Non-applicable	Period	14 days
EC: 200-001-8	BOD5/COD	Non-applicable	% Biodegradable	92 %

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SECTION 12: ECOLOGICAL INFORMATION (continued)

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	BCF	2
CAS: 68411-30-3	Pow Log	3.32
EC: 270-115-0	Potential	Low
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	BCF	71
CAS: 68439-57-6	Pow Log	-1.3
EC: 931-534-0	Potential	Moderate
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	BCF	2
CAS: 85586-07-8	Pow Log	0.78
EC: 287-809-4	Potential	Low
Linalool	BCF	
CAS: 78-70-6	Pow Log	2.97
EC: 201-134-4	Potential	
Dipropylene Glycol Methyl Ether	BCF	1
CAS: 34590-94-8	Pow Log	-0.06
EC: 252-104-2	Potential	Low
Formaldehyde	BCF	3
CAS: 50-00-0	Pow Log	0.35
EC: 200-001-8	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Koc	1.6	Henry	6,7E-2 Pa·m³/mol
CAS: 68439-57-6	Conclusion	Very High	Dry soil	Yes
EC: 931-534-0	Surface tension	Non-applicable	Moist soil	Yes
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Koc	316	Henry	Non-applicable
CAS: 85586-07-8	Conclusion	Moderate	Dry soil	Non-applicable
EC: 287-809-4	Surface tension	2,99E-2 N/m (23 °C)	Moist soil	Non-applicable
Formaldehyde	Koc	Non-applicable	Henry	Non-applicable
CAS: 50-00-0	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 200-001-8	Surface tension	1,416E-2 N/m (25 °C)	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to 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)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

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

HP14 Ecotoxic, HP6 Acute Toxicity, HP4 Irritant — skin irritation and eye damage

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-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

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 2021 and RID 2021:

14.1	**UN number or ID number:**	Non-applicable
14.2	**UN proper shipping name:**	Non-applicable
14.3	**Transport hazard class(es):**	Non-applicable
	Labels:	Non-applicable
14.4	**Packing group:**	Non-applicable
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Special regulations:	Non-applicable
	Tunnel restriction code:	Non-applicable
	Physico-Chemical properties:	see section 9
	Limited quantities:	Non-applicable
14.7	**Maritime transport in bulk according to IMO instruments:**	Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 40-20:

14.1	**UN number or ID number:**	Non-applicable
14.2	**UN proper shipping name:**	Non-applicable
14.3	**Transport hazard class(es):**	Non-applicable
	Labels:	Non-applicable
14.4	**Packing group:**	Non-applicable
14.5	**Marine pollutant:**	No
14.6	**Special precautions for user**	
	Special regulations:	Non-applicable
	EmS Codes:	
	Physico-Chemical properties:	see section 9
	Limited quantities:	Non-applicable
	Segregation group:	Non-applicable
14.7	**Maritime transport in bulk according to IMO instruments:**	Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2023:

14.1	**UN number or ID number:**	Non-applicable
14.2	**UN proper shipping name:**	Non-applicable
14.3	**Transport hazard class(es):**	Non-applicable
	Labels:	Non-applicable
14.4	**Packing group:**	Non-applicable
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Physico-Chemical properties:	see section 9
14.7	**Maritime transport in bulk according to IMO instruments:**	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 1,2-benzisothiazol-3(2H)-one.

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SECTION 15: REGULATORY INFORMATION (continued)

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Formaldehyde (Product-type 2, 3, 22) ; 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 11, 12, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Regulation (EC) No 648/2004 on detergents:

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

The tensoactives contained in this mixture comply with the biodegradibility criteria stipulated in Regulation (EC) nº648/2004 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
Enzymes	
Non-ionic surfactants	% (w/w) < 5
Anionic surfactants	% (w/w) >= 30
Disinfectants	
perfumes	

Allergenic fragrances: Linalool (LINALOOL), Terpineol, Eucalyptus Globulus Oil, Camphor, Pinene, Linalyl Acetate.
Preservation agents: 1,2-benzisothiazol-3(2H)-one (BENZISOTHIAZOLINONE).

Cleanright (www.cleanright.eu) © A.I.S.E.:


Keep away from children.


Keep away from eyes. If product gets into eyes rinse thoroughly with water.


Rinse hands after use.


People with sensitive or damaged skin should avoid prolonged contact with the product.


Do not ingest. If product is ingested then seek medical advice.

Seveso III:

Non-applicable

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

Non-applicable

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.

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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.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.
H317: May cause an allergic skin reaction.

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:

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.
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.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Carc. 1B: H350 - May cause cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Muta. 2: H341 - Suspected of causing genetic defects.
Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Skin Irrit. 2: Calculation method
Eye Dam. 1: Calculation method
Aquatic Chronic 3: Calculation method
Skin Sens. 1B: 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 bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

- END OF SAFETY DATA SHEET -