BARPIMO COATINGS

A2726 - BARNIZ IGNIFUGO ECOBARP AL AGUA SATINADO

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

1.1 Product identifier: A2726 - BARNIZ IGNIFUGO ECOBARP AL AGUA SATINADO

Other means of identification:

UFI: KAF4-907D-X009-GJA4

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

Relevant uses: Wood protector

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:

BARPIMO COATINGS, S.A.
San Fernando, 116
26300 Nájera - La Rioja - España
Phone: +34 941 410 000 - Fax: +34 941 410 111
fds@barpimo.com
www.barpimo.com

1.4 Emergency telephone number: +34 941 410 000 (sólo disponible en horario de oficina)

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 Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

Supplementary information:

EUH208: Contains 1,2-benzisothiazol-3(2H)-one, 3-iodo-2-propynyl Butylcarbamate, Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, Derivado del hidroxifenil - benzotriazol , Hidroxyphenyl-Benzotriazole derivate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

UFI: KAF4-907D-X009-GJA4

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Non-applicable

3.2 Mixture:

Chemical description: Biocide/s

Components:

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

Identification	Chemical name/Classification		Concentration
CAS: 51609-41-7 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	**Nonylphenolethoxylatphosphat(1)**	Self-classified	**0,9 - <2,4 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Corr. 1C: H314 - Danger	
CAS: 111-76-2 EC: 203-905-0 Index: 603-014-00-0 REACH: 01-2119475108-36-XXXX	**2-butoxyethanol(1)**	ATP ATP18	**0,24 - <0,9 %**
	Regulation 1272/2008	Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Danger	
CAS: 41556-26-7 EC: 255-437-1 Index: Non-applicable REACH: Non-applicable	**Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate(1)**	Self-classified	**0,24 - <0,9 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning	
CAS: 104810-48-2 EC: 600-603-4 Index: Non-applicable REACH: Non-applicable	**Hidroxyphenyl-Benzotriazole derivate(1)**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1: H317 - Warning	
CAS: 104810-47-1 EC: Non-applicable Index: Non-applicable REACH: 01-2119894815-20-XXXX	**Derivado del hidroxifenil - benzotriazol (1)**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1: H317 - Warning	
CAS: 112-34-5 EC: 203-961-6 Index: 603-096-00-8 REACH: 01-2119475104-44-XXXX	**2-(2-butoxyethoxy)ethanol(2)**	ATP CLP00	**<0,24 %**
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether(2)**	Not classified	**<0,24 %**
	Regulation 1272/2008		
CAS: 55406-53-6 EC: 259-627-5 Index: 616-212-00-7 REACH: 01-2120762115-60-XXXX	**3-iodo-2-propynyl Butylcarbamate(1)**	ATP ATP06	**<0,24 %**
	Regulation 1272/2008	Acute Tox. 3: H331; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 1: H372 - Danger	
CAS: 82919-37-7 EC: 280-060-4 Index: Non-applicable REACH: Non-applicable	**Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate(1)**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning	
CAS: 872-50-4 EC: 212-828-1 Index: 606-021-00-7 REACH: 01-2119472430-46-XXXX	**N-methyl-2-pyrrolidone(2)**	ATP ATP09	**<0,24 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Repr. 1B: H360D; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger	
CAS: 2634-33-5 EC: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60-XXXX	**1,2-benzisothiazol-3(2H)-one(1)**	ATP CLP00	**<0,24 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 55965-84-9 EC: Non-applicable Index: 613-167-00-5 REACH: Non-applicable	**Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)(1)**	ATP ATP13	**<0,24 %**
	Regulation 1272/2008	Acute Tox. 2: H310+H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; EUH071 - 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	M-factor	
3-iodo-2-propynyl Butylcarbamate	Acute	10
CAS: 55406-53-6 EC: 259-627-5	Chronic	1

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	M-factor	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Acute	100
CAS: 55965-84-9 EC: Non-applicable	Chronic	100

Identification	Specific concentration limit
N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1	% (w/w) >=10: STOT SE 3 - H335
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9	% (w/w) >=0,05: Skin Sens. 1 - H317
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: Non-applicable	% (w/w) >=0,6: Skin Corr. 1C - H314 0,06<= % (w/w) <0,6: Skin Irrit. 2 - H315 % (w/w) >=0,6: Eye Dam. 1 - H318 0,06<= % (w/w) <0,6: Eye Irrit. 2 - H319 % (w/w) >=0,0015: Skin Sens. 1A - H317

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:

Identification	Acute toxicity		Genus
2-butoxyethanol	LD50 oral	1200 mg/kg	Rat
CAS: 111-76-2	LD50 dermal	Not relevant	
EC: 203-905-0	LC50 inhalation	3 mg/L	
3-iodo-2-propynyl Butylcarbamate	LD50 oral	1100 mg/kg	Rat
CAS: 55406-53-6	LD50 dermal	Not relevant	
EC: 259-627-5	LC50 inhalation	3 mg/L (ATEi)	
1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal	Not relevant	
EC: 220-120-9	LC50 inhalation	Not relevant	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 oral	64 mg/kg	Rat
CAS: 55965-84-9	LD50 dermal	87,12 mg/kg	Rabbit
EC: Non-applicable	LC50 inhalation	Not relevant	

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:

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SECTION 4: FIRST AID MEASURES (continued)

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

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

Unsuitable extinguishing media:

Non-applicable

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:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

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

6.2 Environmental precautions:

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:

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 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

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

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SECTION 7: HANDLING AND STORAGE (continued)

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

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Maximum Temp.: 30 ºC

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		
2-butoxyethanol (1) CAS: 111-76-2 EC: 203-905-0	IOELV (8h)	20 ppm	98 mg/m³
	IOELV (STEL)	50 ppm	246 mg/m³
2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6	IOELV (8h)	10 ppm	67,5 mg/m³
	IOELV (STEL)	15 ppm	101,2 mg/m³
Dipropylene Glycol Methyl Ether (1) CAS: 34590-94-8 EC: 252-104-2	IOELV (8h)	50 ppm	308 mg/m³
	IOELV (STEL)		
N-methyl-2-pyrrolidone (1) CAS: 872-50-4 EC: 212-828-1	IOELV (8h)	10 ppm	40 mg/m³
	IOELV (STEL)	20 ppm	80 mg/m³

(1) Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2-butoxyethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 111-76-2	Dermal	89 mg/kg	Not relevant	125 mg/kg	Not relevant
EC: 203-905-0	Inhalation	1091 mg/m³	246 mg/m³	98 mg/m³	Not relevant
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	83 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	101,2 mg/m³	67,5 mg/m³	67,5 mg/m³
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/m³	Not relevant
3-iodo-2-propynyl Butylcarbamate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 55406-53-6	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
EC: 259-627-5	Inhalation	0,07 mg/m³	1,16 mg/m³	0,023 mg/m³	1,16 mg/m³
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 82919-37-7	Dermal	Not relevant	Not relevant	0,5 mg/kg	Not relevant
EC: 280-060-4	Inhalation	Not relevant	Not relevant	0,68 mg/m³	Not relevant
N-methyl-2-pyrrolidone	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 872-50-4	Dermal	Not relevant	Not relevant	4,8 mg/kg	Not relevant
EC: 212-828-1	Inhalation	Not relevant	Not relevant	14,4 mg/m³	40 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
1,2-benzisothiazol-3(2H)-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 2634-33-5	Dermal	Not relevant	Not relevant	0,966 mg/kg	Not relevant
EC: 220-120-9	Inhalation	Not relevant	Not relevant	6,81 mg/m³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2-butoxyethanol	Oral	Not relevant	Not relevant	6,3 mg/kg	Not relevant
CAS: 111-76-2	Dermal	89 mg/kg	Not relevant	75 mg/kg	Not relevant
EC: 203-905-0	Inhalation	426 mg/m³	147 mg/m³	59 mg/m³	Not relevant
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	50 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	60,7 mg/m³	40,5 mg/m³	40,5 mg/m³
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/m³	Not relevant
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Oral	Not relevant	Not relevant	0,05 mg/kg	Not relevant
CAS: 82919-37-7	Dermal	Not relevant	Not relevant	0,25 mg/kg	Not relevant
EC: 280-060-4	Inhalation	Not relevant	Not relevant	0,17 mg/m³	Not relevant
N-methyl-2-pyrrolidone	Oral	Not relevant	Not relevant	0,85 mg/kg	Not relevant
CAS: 872-50-4	Dermal	Not relevant	Not relevant	2,4 mg/kg	Not relevant
EC: 212-828-1	Inhalation	Not relevant	Not relevant	3,6 mg/m³	4,5 mg/m³
1,2-benzisothiazol-3(2H)-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 2634-33-5	Dermal	Not relevant	Not relevant	0,345 mg/kg	Not relevant
EC: 220-120-9	Inhalation	Not relevant	Not relevant	1,2 mg/m³	Not relevant

PNEC:

Identification				
2-butoxyethanol	STP	463 mg/L	Fresh water	8,8 mg/L
CAS: 111-76-2	Soil	2,33 mg/kg	Marine water	0,88 mg/L
EC: 203-905-0	Intermittent	26,4 mg/L	Sediment (Fresh water)	34,6 mg/kg
	Oral	0,02 g/kg	Sediment (Marine water)	3,46 mg/kg
2-(2-butoxyethoxy)ethanol	STP	200 mg/L	Fresh water	1,1 mg/L
CAS: 112-34-5	Soil	0,32 mg/kg	Marine water	0,11 mg/L
EC: 203-961-6	Intermittent	11 mg/L	Sediment (Fresh water)	4,4 mg/kg
	Oral	0,056 g/kg	Sediment (Marine water)	0,44 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
3-iodo-2-propynyl Butylcarbamate	STP	0,44 mg/L	Fresh water	0,001 mg/L
CAS: 55406-53-6	Soil	0,005 mg/kg	Marine water	0 mg/L
EC: 259-627-5	Intermittent	0,001 mg/L	Sediment (Fresh water)	0,017 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,002 mg/kg
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	STP	1 mg/L	Fresh water	0,002 mg/L
CAS: 82919-37-7	Soil	0,21 mg/kg	Marine water	0 mg/L
EC: 280-060-4	Intermittent	0,009 mg/L	Sediment (Fresh water)	1,05 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,11 mg/kg
N-methyl-2-pyrrolidone	STP	10 mg/L	Fresh water	0,25 mg/L
CAS: 872-50-4	Soil	0,07 mg/kg	Marine water	0,025 mg/L
EC: 212-828-1	Intermittent	5 mg/L	Sediment (Fresh water)	1,09 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,109 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
1,2-benzisothiazol-3(2H)-one	STP	1,03 mg/L	Fresh water	0,00403 mg/L
CAS: 2634-33-5	Soil	3 mg/kg	Marine water	0,000403 mg/L
EC: 220-120-9	Intermittent	0,0011 mg/L	Sediment (Fresh water)	0,0499 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,00499 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: Butyl, Breakthrough time: > 480 min, Thickness: 0.7 mm)	CE CAT III	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

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): 0,66 % weight

V.O.C. density at 20 ºC: 6,72 kg/m³ (6,72 g/L)

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Average carbon number:	6,15
Average molecular weight:	124,82 g/mol

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

V.O.C. density at 20 ºC:	44,02 kg/m³ (44,02 g/L)
EU limit for the product (Cat. A.F):	130 g/L (2010)
Components:	Not relevant

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:	Liquid
Appearance:	Viscous
Colour:	Characteristic
Odour:	Not available
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	104 ºC
Vapour pressure at 20 ºC:	2325 Pa
Vapour pressure at 50 ºC:	12251,4 Pa (12,25 kPa)
Evaporation rate at 20 ºC:	Not relevant *

Product description:

Density at 20 ºC:	1020 kg/m³
Relative density at 20 ºC:	1,02
Dynamic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 40 ºC:	>20,5 mm²/s
Concentration:	Not relevant *
pH:	6 - 10
Vapour density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *

Flammability:

Flash Point:	83 ºC (Does not maintain combustion)
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	204 ºC
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *

Particle characteristics:

Median equivalent diameter:	Non-applicable

9.2 Other information:

*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)

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *

Other safety characteristics:

Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

*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 from Safety Data Sheet.

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:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	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: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces 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: 2-butoxyethanol (3); 2,6-di-tert-butyl-p-cresol (3); Diiron trioxide (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. However, it does 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. However, it contains substances classified as dangerous with sensitising effects. 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. However, it does contain substances which are classified as dangerous due to repetitive exposure. 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.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Nonylphenolethoxylatphosphat	LD50 oral	>2000 mg/kg	
CAS: 51609-41-7	LD50 dermal	>2000 mg/kg	
EC: Non-applicable	LC50 inhalation		
2-butoxyethanol	LD50 oral	1200 mg/kg	Rat
CAS: 111-76-2	LD50 dermal	3000 mg/kg	Rabbit
EC: 203-905-0	LC50 inhalation	3 mg/L (ATEi)	
3-iodo-2-propynyl Butylcarbamate	LD50 oral	1100 mg/kg	Rat
CAS: 55406-53-6	LD50 dermal	2100 mg/kg	Rabbit
EC: 259-627-5	LC50 inhalation	3 mg/L (ATEi)	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	LD50 oral	2615 mg/kg	Rat
CAS: 41556-26-7	LD50 dermal	>2000 mg/kg	
EC: 255-437-1	LC50 inhalation	>20 mg/L	
Hidroxyphenyl-Benzotriazole derivate	LD50 oral	>2000 mg/kg	
CAS: 104810-48-2	LD50 dermal	>2000 mg/kg	
EC: 600-603-4	LC50 inhalation	>20 mg/L	
Derivado del hidroxifenil - benzotriazol	LD50 oral	>2000 mg/kg	
CAS: 104810-47-1	LD50 dermal	>2000 mg/kg	
EC: Non-applicable	LC50 inhalation		
2-(2-butoxyethoxy)ethanol	LD50 oral	>2000 mg/kg	
CAS: 112-34-5	LD50 dermal	>2000 mg/kg	
EC: 203-961-6	LC50 inhalation	>20 mg/L	

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
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	
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	LD50 oral	>2000 mg/kg	
CAS: 82919-37-7	LD50 dermal	>2000 mg/kg	
EC: 280-060-4	LC50 inhalation	>5 mg/L	
N-methyl-2-pyrrolidone	LD50 oral	>5000 mg/kg	Rat
CAS: 872-50-4	LD50 dermal	>5000 mg/kg	Rat
EC: 212-828-1	LC50 inhalation	>20 mg/L	
1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal	>2000 mg/kg	
EC: 220-120-9	LC50 inhalation	>5 mg/L	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 oral	64 mg/kg	Rat
CAS: 55965-84-9	LD50 dermal	87,12 mg/kg	Rabbit
EC: Non-applicable	LC50 inhalation	0,33 mg/L (4 h)	Rat

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

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
2-butoxyethanol	LC50	1490 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 111-76-2	EC50	1815 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-905-0	EC50	911 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	LC50	0,97 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 41556-26-7	EC50	20 mg/L (24 h)	Daphnia magna	Crustacean
EC: 255-437-1	EC50	Not relevant		
Hidroxyphenyl-Benzotriazole derivate	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 104810-48-2	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 600-603-4	EC50	>1 - 10 mg/L (72 h)		Algae
Derivado del hidroxifenil - benzotriazol	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 104810-47-1	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: Non-applicable	EC50	>1 - 10 mg/L (72 h)		Algae
2-(2-butoxyethoxy)ethanol	LC50	1300 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 112-34-5	EC50	2850 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-961-6	EC50	53 mg/L (192 h)	Microcystis aeruginosa	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		
3-iodo-2-propynyl Butylcarbamate	LC50	0,07 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 55406-53-6	EC50	0,09 mg/L (96 h)	Mysidopsis bahia	Crustacean
EC: 259-627-5	EC50	0,05 mg/L (72 h)	Scenedesmus subspicatus	Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 82919-37-7	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 280-060-4	EC50	>0.1 - 1 mg/L (72 h)		Algae
N-methyl-2-pyrrolidone	LC50	832 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 872-50-4	EC50	4897 mg/L (48 h)	Daphnia magna	Crustacean
EC: 212-828-1	EC50	500 mg/L (72 h)	Scenedesmus subspicatus	Algae
1,2-benzisothiazol-3(2H)-one	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 2634-33-5	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 220-120-9	EC50	>0.1 - 1 mg/L (72 h)		Algae
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LC50	0,28 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 55965-84-9	EC50	0,16 mg/L (48 h)	Daphnia magna	Crustacean
EC: Non-applicable	EC50	0,018 mg/L (72 h)	Selenastrum capricornutum	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
2-butoxyethanol	NOEC	100 mg/L	Danio rerio	Fish
CAS: 111-76-2 EC: 203-905-0	NOEC	100 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
3-iodo-2-propynyl Butylcarbamate	NOEC	0,0084 mg/L	Pimephales promelas	Fish
CAS: 55406-53-6 EC: 259-627-5	NOEC	0,0499 mg/L	Daphnia magna	Crustacean
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	NOEC	Not relevant		
CAS: 82919-37-7 EC: 280-060-4	NOEC	1 mg/L	Daphnia magna	Crustacean
N-methyl-2-pyrrolidone	NOEC	Not relevant		
CAS: 872-50-4 EC: 212-828-1	NOEC	12,5 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
2-butoxyethanol	BOD5	0,71 g O2/g	Concentration	100 mg/L
CAS: 111-76-2	COD	2,2 g O2/g	Period	14 days
EC: 203-905-0	BOD5/COD	0,32	% Biodegradable	96 %
2-(2-butoxyethoxy)ethanol	BOD5	0,25 g O2/g	Concentration	100 mg/L
CAS: 112-34-5	COD	2,08 g O2/g	Period	28 days
EC: 203-961-6	BOD5/COD	0,12	% Biodegradable	92 %
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 %
N-methyl-2-pyrrolidone	BOD5	1,09 g O2/g	Concentration	100 mg/L
CAS: 872-50-4	COD	1,6 g O2/g	Period	28 days
EC: 212-828-1	BOD5/COD	0,68	% Biodegradable	73 %
1,2-benzisothiazol-3(2H)-one	BOD5	Not relevant	Concentration	100 mg/L
CAS: 2634-33-5	COD	Not relevant	Period	28 days
EC: 220-120-9	BOD5/COD	Not relevant	% Biodegradable	0 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
2-butoxyethanol	BCF	3
CAS: 111-76-2	Pow Log	0.83
EC: 203-905-0	Potential	Low
2-(2-butoxyethoxy)ethanol	BCF	0.46
CAS: 112-34-5	Pow Log	0.56
EC: 203-961-6	Potential	Low

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
Dipropylene Glycol Methyl Ether	BCF	1
CAS: 34590-94-8	Pow Log	-0.06
EC: 252-104-2	Potential	Low
3-iodo-2-propynyl Butylcarbamate	BCF	36
CAS: 55406-53-6	Pow Log	2.4
EC: 259-627-5	Potential	Moderate
N-methyl-2-pyrrolidone	BCF	0.23
CAS: 872-50-4	Pow Log	-0.46
EC: 212-828-1	Potential	Low
1,2-benzisothiazol-3(2H)-one	BCF	2
CAS: 2634-33-5	Pow Log	1.45
EC: 220-120-9	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
2-butoxyethanol	Koc	8	Henry	1,621E-1 Pa·m³/mol
CAS: 111-76-2	Conclusion	Very High	Dry soil	No
EC: 203-905-0	Surface tension	2,729E-2 N/m (25 ºC)	Moist soil	Yes
2-(2-butoxyethoxy)ethanol	Koc	48	Henry	7,2E-9 Pa·m³/mol
CAS: 112-34-5	Conclusion	Very High	Dry soil	No
EC: 203-961-6	Surface tension	3,395E-2 N/m (25 ºC)	Moist soil	No
N-methyl-2-pyrrolidone	Koc	Not relevant	Henry	Not relevant
CAS: 872-50-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 212-828-1	Surface tension	4,007E-2 N/m (25 ºC)	Moist soil	Not relevant

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)
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	Hazardous

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

HP14 Ecotoxic

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

- CONTINUED ON NEXT PAGE -

SECTION 14: TRANSPORT INFORMATION (continued)

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION **

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

- Composition of the active ingredients (Regulation (EU) No 528/2012): 3-iodo-2-propynyl Butylcarbamate (0.12%)

- Article 95, REGULATION (EU) No 528/2012: *3-iodo-2-propynyl Butylcarbamate (55406-53-6) - PT: (6,7,8,9,10,13)* ; *1,2-benzisothiazol-3(2H)-one (2634-33-5) - PT: (2,6,9,11,12,13)* ; *Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) - PT: (2,4,6,11,12,13)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): *N-methyl-2-pyrrolidone (872-50-4)*
- 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

Seveso III:

Not relevant

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

Contains more than 0.1 % of Nonylphenolethoxylatphosphat by weight. Shall not be placed on the market, or used, as substances or in mixtures in concentrations equal to or greater than 0,1 % by weight for the following purposes:
(1) industrial and institutional cleaning except:
— controlled closed dry cleaning systems where the washing liquid is recycled or incinerated,
— cleaning systems with special treatment where the washing liquid is recycled or incinerated.
(2) domestic cleaning;
(3) textiles and leather processing except:
— processing with no release into waste water,
— systems with special treatment where the process water is pre-treated to remove the organic fraction completely prior to biological waste water treatment (degreasing of sheepskin);
(4) emulsifier in agricultural teat dips;
(5) metal working except:
uses in controlled closed systems where the washing liquid is recycled or incinerated;
(6) manufacturing of pulp and paper;
(7) cosmetic products;
(8) other personal care products except:
spermicides;
(9) co-formulants in pesticides and biocides. However national authorisations for pesticides or biocidal products containing nonylphenol ethoxylates as co-formulant, granted before 17 July 2003, shall not be affected by this restriction until their date of expiry.
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.
Contains Octamethylcyclotetrasiloxane, Decamethylcyclopentasiloxane. 1. | Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. | 2. | For the purposes of this entry, "wash-off cosmetic products" means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.'
Contains N-methyl-2-pyrrolidone. 1. | Shall not be placed on the market as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers, importers and downstream users have included in the relevant chemical safety reports and safety data sheets, Derived No-Effect Levels (DNELs) relating to exposure of workers of 14,4 mg/m3 for exposure by inhalation and 4,8 mg/kg/day for dermal exposure. | 2. | Shall not be manufactured, or used, as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers and downstream users take the appropriate risk management measures and provide the appropriate operational conditions to ensure that exposure of workers is below the DNELs specified in paragraph 1. | 3. | By way of derogation from paragraphs 1 and 2, the obligations laid down therein shall apply from 9 May 2024 in relation to placing on the market for use, or use, as a solvent or reactant in the process of coating wires.
Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

Specific provisions in terms of protecting people or the environment:

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

SECTION 15: REGULATORY INFORMATION ** (continued)

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

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

*** Changes with regards to the previous version*

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.:

REGULATORY INFORMATION (SECTION 15):

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

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.
H412: Harmful to aquatic life with long lasting effects.
H319: Causes serious eye irritation.

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. 2: H310+H330 - Fatal in contact with skin or if inhaled.
Acute Tox. 3: H301 - Toxic if swallowed.
Acute Tox. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
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.
Repr. 1B: H360D - May damage the unborn child.
Skin Corr. 1C: 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.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Skin Irrit. 2: Calculation method
Aquatic Chronic 3: Calculation method
Eye Irrit. 2: 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:

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SECTION 16: OTHER INFORMATION (continued)

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

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.

- END OF SAFETY DATA SHEET -