906030001 - SUPERCARRARA HIDROSUPERLITE BASE TR

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

1.1 Product identifier: 906030001 - SUPERCARRARA HIDROSUPERLITE BASE TR

Other means of identification:

UFI: 3S20-30CR-T005-04R8

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

Relevant uses (Consumer use): Industrial paint
Relevant uses (Professional users): Industrial paint
Relevant uses (Industrial user): Industrial paint
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:

EUPINCA
C/ Londres, 13 - Pol. Ind. Cabezo Beaza
30353 Cartagena - Murcia - España
Phone: +34 968089000
info@grupotkrom.com
https://www.tkrom.com/

1.4 Emergency telephone number: +34 968 08 90 00 (Oficce hours)

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

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Hazard statements:

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P273: Avoid release to the environment.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

EUH208: Contains 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.

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:

Not relevant

3.2 Mixture:

Chemical description: Mixture composed of additives, pigments and resins

Components:

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

*** Changes with regards to the previous version*

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

Identification	Chemical name/Classification		Concentration
CAS: 69011-36-5 EC: 500-241-6 Index: Not relevant REACH: 01-2119967403-35-XXXX	**Isotridecanol, ethoxylated (9 mol EO)(1)**	Self-classified	**0.5 - <1%**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 3: H412 - Warning	
CAS: 68400-67-9 EC: 614-443-8 Index: Not relevant REACH: Not relevant	**Polyurethane (<0.1 % O=C=N-R-N=C=O)(2)**	Not classified	**0.1 - <0.5%**
	Regulation 1272/2008		
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	**0.1 - <0.5%**
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 330-54-1 EC: 206-354-4 Index: 006-015-00-9 REACH: 01-2119517622-45-XXXX	**diuron (ISO)(1)**	ATP ATP21	**<0.01%**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc. 1B: H350; STOT RE 2: H373 - Danger	
CAS: 13463-41-7 EC: 236-671-3 Index: 613-333-00-7 REACH: 01-2119511196-46-XXXX	**Pyrithione zinc(1)**	ATP ATP15	**<0.01%**
	Regulation 1272/2008	Acute Tox. 2: H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Repr. 1B: H360D; STOT RE 1: H372 - Danger	
CAS: 55965-84-9 EC: Not relevant Index: 613-167-00-5 REACH: Not relevant	**Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)(1)**	ATP ATP13	**<0.01%**
	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	
CAS: 50-00-0 EC: 200-001-8 Index: 605-001-00-5 REACH: 01-2119488953-20-XXXX	**Formaldehyde(2)**	Self-classified	**<0.01%**
	Regulation 1272/2008	Acute Tox. 2: H330; Acute Tox. 4: H302; Carc. 1B: H350; Eye Dam. 1: H318; Muta. 2: H341; Skin Corr. 1B: 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	
diuron (ISO) CAS: 330-54-1 EC: 206-354-4	Acute	100
	Chronic	100
Pyrithione zinc CAS: 13463-41-7 EC: 236-671-3	Acute	1000
	Chronic	10
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: Not relevant	Acute	100
	Chronic	100

Identification	Specific concentration limit
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: Not relevant	% (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
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) >=5: STOT SE 3 - H335

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
Pyrithione zinc CAS: 13463-41-7 EC: 236-671-3	LD50 oral	300 mg/kg	
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	0,8 mg/L *	

*** Changes with regards to the previous version*

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

Identification	Acute toxicity		Genus
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: Not relevant	LD50 oral	64 mg/kg	
	LD50 dermal	87,12 mg/kg	
	LC50 inhalation vapour	1,433 mg/L *	
Formaldehyde CAS: 50-00-0 EC: 200-001-8	LD50 oral	500 mg/kg	
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	0,5 mg/L *	

*Equivalent ATE value of the substance applicable to the exposure route of the product. For the ATE value associated with the exposure route of the substance, see section 11.

*** Changes with regards to the previous version*

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:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for 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:

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/EEC.

Additional provisions:

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SECTION 5: FIREFIGHTING MEASURES (continued)

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.
Spillages in water or sea:
Small spillages:
Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.
Large spillages:
If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

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.

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

Minimum Temp.: 5 ºC

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

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SECTION 7: HANDLING AND STORAGE (continued)

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		
Polyurethane (<0.1 % O=C=N-R-N=C=O)	IOELV (8h)		0,01 mg/m³
CAS: 68400-67-9 EC: 614-443-8	IOELV (STEL)		0,02 mg/m³
2-(2-butoxyethoxy)ethanol	IOELV (8h)	10 ppm	67,5 mg/m³
CAS: 112-34-5 EC: 203-961-6	IOELV (STEL)	15 ppm	101,2 mg/m³
Formaldehyde (1)	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

(1) Dermal sensitisation

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Isotridecanol, ethoxylated (9 mol EO)	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 69011-36-5	Dermal	Not relevant	Not relevant	2080 mg/kg	Not relevant
EC: 500-241-6	Inhalation	Not relevant	Not relevant	294 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
diuron (ISO)	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 330-54-1	Dermal	Not relevant	Not relevant	5,79 mg/kg	Not relevant
EC: 206-354-4	Inhalation	Not relevant	Not relevant	0,17 mg/m³	Not relevant
Pyrithione zinc	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 13463-41-7	Dermal	Not relevant	Not relevant	0,01 mg/kg	Not relevant
EC: 236-671-3	Inhalation	Not relevant	Not relevant	Not relevant	Not relevant
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 55965-84-9	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: Not relevant	Inhalation	Not relevant	0,04 mg/m³	Not relevant	0,02 mg/m³
Formaldehyde	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 50-00-0	Dermal	Not relevant	Not relevant	240 mg/kg	Not relevant
EC: 200-001-8	Inhalation	Not relevant	0,75 mg/m³	9 mg/m³	0,375 mg/m³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Isotridecanol, ethoxylated (9 mol EO)	Oral	Not relevant	Not relevant	25 mg/kg	Not relevant
CAS: 69011-36-5	Dermal	Not relevant	Not relevant	1250 mg/kg	Not relevant
EC: 500-241-6	Inhalation	Not relevant	Not relevant	87 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
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Oral	0,11 mg/kg	Not relevant	0,09 mg/kg	Not relevant
CAS: 55965-84-9	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: Not relevant	Inhalation	Not relevant	0,04 mg/m³	Not relevant	0,02 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Formaldehyde	Oral	Not relevant	Not relevant	4,1 mg/kg	Not relevant
CAS: 50-00-0	Dermal	Not relevant	Not relevant	102 mg/kg	Not relevant
EC: 200-001-8	Inhalation	Not relevant	Not relevant	3,2 mg/m³	0,1 mg/m³

PNEC:

Identification				
Isotridecanol, ethoxylated (9 mol EO)	STP	1,4 mg/L	Fresh water	0,074 mg/L
CAS: 69011-36-5	Soil	0,1 mg/kg	Marine water	0,007 mg/L
EC: 500-241-6	Intermittent	0,015 mg/L	Sediment (Fresh water)	0,604 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,06 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
diuron (ISO)	STP	58 mg/L	Fresh water	0,00032 mg/L
CAS: 330-54-1	Soil	0,012 mg/kg	Marine water	0,000032 mg/L
EC: 206-354-4	Intermittent	0,00022 mg/L	Sediment (Fresh water)	0,052 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,005 mg/kg
Pyrithione zinc	STP	0,01 mg/L	Fresh water	0,00009 mg/L
CAS: 13463-41-7	Soil	1,02 mg/kg	Marine water	0,00009 mg/L
EC: 236-671-3	Intermittent	Not relevant	Sediment (Fresh water)	0,009 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,009 mg/kg
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	STP	0,23 mg/L	Fresh water	0,00339 mg/L
CAS: 55965-84-9	Soil	0,01 mg/kg	Marine water	0,00339 mg/L
EC: Not relevant	Intermittent	0,00339 mg/L	Sediment (Fresh water)	0,027 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,027 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	Not relevant	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

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 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

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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 ISO 16321-1:2022 + EN ISO 16321-3:2022 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 20347:2022/A1:2024	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 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

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:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

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

V.O.C. (Supply): 0,94 % weight

V.O.C. density at 20 ºC: 13,53 kg/m³ (13,53 g/L)

Average carbon number: 8,92

Average molecular weight: 129,88 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: 15,68 kg/m³ (15,68 g/L)

EU limit for the product (Cat. A.I): 140 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:	Colourless
Odour:	Not relevant *
Odour threshold:	Not relevant *

Volatility:

*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)

Boiling point at atmospheric pressure:	103 ºC
Vapour pressure at 20 ºC:	2336 Pa
Vapour pressure at 50 ºC:	12307,87 Pa (12,31 kPa)
Evaporation rate at 20 ºC:	Not relevant *
Product description:	
Density at 20 ºC:	1441,6 kg/m³
Relative density at 20 ºC:	1,442
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:	8
Relative 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:	Non Flammable (>60 ºC)
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	200 ºC
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Not relevant *

9.2 Other information:

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:

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SECTION 10: STABILITY AND REACTIVITY (continued)

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: 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.

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

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

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: 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.

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: Formaldehyde (1: Carcinogenic to humans); Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346 (3: Not classifiable as to its carcinogenicity to humans); Talc (3: Not classifiable as to its carcinogenicity to humans); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (3: Not classifiable as to its carcinogenicity to humans); 2,6-di-tert-butyl-p-cresol (3: Not classifiable as to its carcinogenicity to humans)
- 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. 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:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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.

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
Isotridecanol, ethoxylated (9 mol EO) CAS: 69011-36-5 EC: 500-241-6	LD50 oral	>10000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
diuron (ISO) CAS: 330-54-1 EC: 206-354-4	LD50 oral	4150 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation dust		
Pyrithione zinc CAS: 13463-41-7 EC: 236-671-3	LD50 oral	300 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation mist	0,14 mg/L	Rat
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: Not relevant	LD50 oral	64 mg/kg	Rat
	LD50 dermal	87,12 mg/kg	Rabbit
	LC50 inhalation mist	0,33 mg/L	Rat
Formaldehyde CAS: 50-00-0 EC: 200-001-8	LD50 oral	500 mg/kg	
	LD50 dermal		
	LC50 inhalation gases	100 mg/L	

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
Isotridecanol, ethoxylated (9 mol EO)	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 69011-36-5	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 500-241-6	EC50	>0.1 - 1 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

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
diuron (ISO)	LC50	14,7 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 330-54-1	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacean
EC: 206-354-4	EC50	0,022 mg/L (96 h)	Desmodesmus subspicatus	Algae
Pyrithione zinc	LC50	0,003 mg/L (96 h)	Pimephales promelas	Fish
CAS: 13463-41-7	EC50	0,008 mg/L (48 h)	Daphnia magna	Crustacean
EC: 236-671-3	EC50	Not relevant		
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	0,007 mg/L (48 h)	Acartia tonsa	Crustacean
EC: Not relevant	EC50	0,0199 mg/L (72 h)	Skeletonema costatum	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
diuron (ISO)	NOEC	>0.001 - 0.01 mg/L		Fish
CAS: 330-54-1 EC: 206-354-4	NOEC	>0.001 - 0.01 mg/L		Crustacean
Pyrithione zinc	NOEC	Not relevant		
CAS: 13463-41-7 EC: 236-671-3	NOEC	0,022 mg/L	Daphnia magna	Crustacean
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	NOEC	>0.001 - 0.01 mg/L		Fish
CAS: 55965-84-9 EC: Not relevant	NOEC	>0.001 - 0.01 mg/L		Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
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 %
diuron (ISO)	BOD5	Not relevant	Concentration	100 mg/L
CAS: 330-54-1	COD	Not relevant	Period	28 days
EC: 206-354-4	BOD5/COD	Not relevant	% Biodegradable	0 %
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	BOD5	Not relevant	Concentration	0.3 mg/L
CAS: 55965-84-9	COD	Not relevant	Period	29 days
EC: Not relevant	BOD5/COD	Not relevant	% Biodegradable	38,8 %
Formaldehyde	BOD5	Not relevant	Concentration	10 mg/L
CAS: 50-00-0	COD	Not relevant	Period	28 days
EC: 200-001-8	BOD5/COD	Not relevant	% Biodegradable	99 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Isotridecanol, ethoxylated (9 mol EO)	BCF	
CAS: 69011-36-5	Pow Log	4.73
EC: 500-241-6	Potential	
2-(2-butoxyethoxy)ethanol	BCF	0.46
CAS: 112-34-5	Pow Log	0.56
EC: 203-961-6	Potential	Low
diuron (ISO)	BCF	57
CAS: 330-54-1	Pow Log	2.84
EC: 206-354-4	Potential	Moderate
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	BCF	54
CAS: 55965-84-9	Pow Log	0.75
EC: Not relevant	Potential	Moderate
Formaldehyde	BCF	0
CAS: 50-00-0	Pow Log	0.35
EC: 200-001-8	Potential	Low

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SECTION 12: ECOLOGICAL INFORMATION (continued)

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Isotridecanol, ethoxylated (9 mol EO)	Koc	441.7	Henry	Not relevant
CAS: 69011-36-5	Conclusion	Moderate	Dry soil	Not relevant
EC: 500-241-6	Surface tension	Not relevant	Moist soil	Not relevant
2-(2-butoxyethoxy)ethanol	Koc	48	Henry	7,2E-9 Pa·m³/mol
CAS: 112-34-5	Conclusion	Very High	Dry soil	Not relevant
EC: 203-961-6	Surface tension	3,395E-2 N/m (25 ºC)	Moist soil	Not relevant
diuron (ISO)	Koc	395	Henry	2E-11 Pa·m³/mol
CAS: 330-54-1	Conclusion	Moderate	Dry soil	Not relevant
EC: 206-354-4	Surface tension	Not relevant	Moist soil	Not relevant
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Koc	7.7	Henry	5E-3 Pa·m³/mol
CAS: 55965-84-9	Conclusion	Very High	Dry soil	Not relevant
EC: Not relevant	Surface tension	Not relevant	Moist soil	Not relevant
Formaldehyde	Koc	15.9	Henry	3,4E-2 Pa·m³/mol
CAS: 50-00-0	Conclusion	Very High	Dry soil	Yes
EC: 200-001-8	Surface tension	Not relevant	Moist soil	Yes

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

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:

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SECTION 15: REGULATORY INFORMATION (continued)

- Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 2,2-dibromo-2-cyanoacetamide, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one, bronopol (INN), (ethylenedioxy)dimethanol, 2-Methylisothiazol-3(2H)-One, diuron (ISO), Pyrithione zinc, octhilinone (ISO).
- Article 95, REGULATION (EU) No 528/2012: *diuron (ISO) (330-54-1) - PT: (7, 10)* ; *Pyrithione zinc (13463-41-7) - PT: (2, 6, 7, 9, 10, 21)* ; *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)* ; *Formaldehyde (50-00-0) - PT: (2, 3, 22)* ; *2,2-dibromo-2-cyanoacetamide (10222-01-2) - PT: (4, 6, 11, 12)* ; *Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (5395-50-6) - PT: (6, 11, 13)* ; *1,2-Benzisothiazol-3(2H)-one (2634-33-5) - PT: (2, 6, 11, 12, 13)* ; *bronopol (INN) (52-51-7) - PT: (2, 6, 11, 12, 22)* ; *(ethylenedioxy)dimethanol (3586-55-8) - PT: (6, 11, 12, 13)* ; *2-Methylisothiazol-3(2H)-One (2682-20-4) - PT: (6, 11, 12, 13)* ; *octhilinone (ISO) (26530-20-1) - PT: (6, 7, 8, 9, 10, 11, 13)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, 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: *diuron (ISO) (330-54-1)*
- 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 ....):

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.
1. Shall not be placed on the market in articles, after 6 August 2026, if, under the test conditions specified in Appendix 14, the concentration of formaldehyde released from those articles exceeds:
(a) 0,062 mg/m3 for furniture and wood-based articles
(b) 0,080 mg/m3 for articles other than furniture and wood-based articles.
The first subparagraph shall not apply to:
(a) articles in which formaldehyde or formaldehyde releasing substances are exclusively naturally present in the materials from which the articles are produced
(b) articles that are exclusively for outdoor use under foreseeable conditions
(c) articles in constructions, that are exclusively used outside the building shell and vapour barrier and that do not emit formaldehyde into indoor air
(d) articles exclusively for industrial or professional use unless formaldehyde released from them leads to exposure of the general public under foreseeable conditions of use
(e) articles for which the restriction laid down in entry 72 applies
(f) articles that are biocidal products within the scope of Regulation (EU) No 528/2012 of the European Parliament and of the Council1
(g) devices within the scope of Regulation (EU) 2017/745
(h) personal protective equipment within the scope of Regulation (EU) 2016/425
(i) articles intended to come into contact directly or indirectly with food within the scope of Regulation (EC) No 1935/2004
(j) second-hand articles.
2. Shall not be placed on the market in road vehicles after 6 August 2027 if, under the test conditions specified in Appendix 14, the concentration of formaldehyde in the interior of those vehicles exceeds 0,062 mg/m3.
The first subparagraph shall not apply to:
(a) road vehicles exclusively for industrial or professional use unless the concentration of formaldehyde in the interior of those vehicles leads to exposure of the general public under foreseeable conditions of use
(b) second-hand vehicles.

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

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.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

· New declared substances

Polyurethane (<0.1 % O=C=N-R-N=C=O) (68400-67-9)

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

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. 2: H330 - Fatal if inhaled.
Acute Tox. 3: H301 - Toxic if swallowed.
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 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.
Muta. 2: H341 - Suspected of causing genetic defects.
Repr. 1B: H360D - May damage the unborn child.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

Classification procedure:

Aquatic Chronic 3: 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

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 -