

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



Version 1 Date of compilation: 4/01/2022

Version 8 (replaces version 7)

Revision date: 19/09/2023

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

1.1 Product identifier.

Product Name: SERPOL GEL II

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

Wood preservatives
Trained professional use

Uses advised against:

Do not mix with other chemical products.
Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **Mylva, S.A.**
Address: Via Augusta, 48, 6º 2ª
City: 08006 - Barcelona
Province: Barcelona
Telephone: +34 934153226
Fax: +34 934156344
E-mail: mylva@mylva.eu
Web: <https://mylva.es/>

1.4 Emergency telephone number: + 34 934153226 (Only available during office hours; Monday-Friday; 08:00-16:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008:

Aquatic Acute 1 : Very toxic to aquatic life.
Aquatic Chronic 1 : Very toxic to aquatic life with long lasting effects.
Repr. 1B : May damage fertility or the unborn child.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008:

Pictograms:



Signal Word:

Danger

Hazard statements:

H360D May damage the unborn child.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.

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P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P308+P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of content / container through an authorized waste manager, in accordance with current regulations.

EUH statements:

EUH208	Contains permethrin (ISO);m-phenoxybenzyl 3-(2,2dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate. May produce an allergic reaction.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one. May produce an allergic reaction.
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.
EUH208	Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate. May produce an allergic reaction.
EUH066	Repeated exposure may cause skin dryness or cracking.

Contains:

propiconazole(ISO), (±) 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3dioxolan-2-ylmethyl]-1H—1,2,4-triazole

Active substances:

propiconazole(ISO); (±) 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3dioxolan-2-ylmethyl]-1H—1,2,4-triazole, 0,85%;
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate, 0,4%;
permethrin (ISO);m-phenoxybenzyl 3-(2,2dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, 0,37%;

2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 613-205-00-0 CAS No: 60207-90-1 EC No: 262-104-4	propiconazole(ISO), (±) 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3dioxolan-2-ylmethyl]-1H—1,2,4-triazole	0.8 - 0.9 %	Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=1) - Aquatic Chronic 1, H410 (M=1) - Repr. 1B, H360D - Skin Sens. 1, H317	-

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Index No: 616-212-00-7 CAS No: 55406-53-6 EC No: 259-627-5 Registration No: 01-2120762115-60-XXXX	3-iodo-2-propynyl butylcarbamate, 3-iodoprop-2-yn-1-yl butylcarbamate	0.35 - 0.45 %	Acute Tox. 3, H331 - Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=1) - Eye Dam. 1, H318 - STOT RE 1, H372(laringe) - Skin Sens. 1, H317	-
Index No: 613-058-00-2 CAS No: 52645-53-1 EC No: 258-067-9	permethrin (ISO), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	0.3 - 0.4 %	Acute Tox. 4 *, H332 - Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 (M=1000) - Aquatic Chronic 1, H410 (M=1000) - Skin Sens. 1, H317	-
Index No: 601-052-00-2 CAS No: 91-20-3 EC No: 202-049-5 Registration No: 01-2119561346-37-XXXX	naphthalene	0.004 - 0.006 %	Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Carc. 2, H351	-
Index No: 649-422-00-2 CAS No: 64742-47-8 EC No: 265-149-8 Registration No: 01-2119484819-18-XXXX	distillates (petroleum), hydrotreated light, Kerosine — unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 oC to 290 oC (302 oF to 554 oF).]	70.5 - 70.6 %	Asp. Tox. 1, H304	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Delayed effects may occur after the exposure to the product.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

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Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.

Long-term chronic exposure may result in injury to certain organs or tissues.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Keep the person comfortable. Turn him/her over to the left side and stay there while waiting for medical care.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

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SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 45 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Curative treatment

Preventive treatment

Insecticide and fungicide

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
naphthalene	DNEL	Inhalation, Chronic, Local effects	25
CAS No: 91-20-3	(Workers)		(mg/m ³)
EC No: 202-049-5	DNEL	Inhalation, Chronic, Systemic effects	25
	(Workers)		(mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Wood preservatives Trained professional use
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
PPE:	Protective gloves against chemicals.
Characteristics:	«CE» marking, category III.
CEN standards:	EN 374-1, EN 374-2, EN 374-3, EN 420



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Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
Eye protection:			
If the product is handled correctly, no individual protection equipment is necessary.			
Skin protection:			
PPE:	Chemical protective clothing		
Characteristics:	«CE» marking, category III. Clothing should fit properly. The level of protection must be set according to a test parameter called BT (Breakthrough Time), which indicates how long it takes for the chemical to pass through the material.		
CEN standards:	EN 464, EN 340, EN 943-1, EN 943-2, EN ISO 6529, EN ISO 6530, EN 13034		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing's design should facilitate correct positioning, staying in place without moving for the period of use expected, bearing in mind environmental factors as well as any movement or position the user might adopt while carrying out the activity.		



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: White

Odour: Odourless

Odour threshold: Not available

Melting point: Not available

Freezing point: Not available

Boiling point or initial boiling point and boiling range: >60 °C

Flammability: Not available

Lower explosion limit: Not available

Upper explosion limit: Not available

Flash point: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 6.5 (100%)

Kinematic viscosity: Not available

Solubility: Not applicable

Hydrosolubility: Not applicable

Liposolubility: Not applicable

Partition coefficient n-octanol/water (log value): Not applicable

Vapour pressure: Not available

Absolute density: 831 kg/m³

Relative density: 0.831

Relative vapour density: Not available

Particle characteristics: Not applicable

9.2 Other information

Other safety characteristics

Viscosity: 1094000 mPa·s - 72700 mPa·s (0.3-5 rpm, 20°C)

Dropping point: Not applicable

Blink: Not applicable

SECTION 10: STABILITY AND REACTIVITY.

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10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

There are no tested data available on the product.

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Based on available data, the classification criteria are not met.

g) reproductive toxicity;

Product classified:

Reproductive toxicant, Category 1B: May damage fertility or the unborn child.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Based on available data, the classification criteria are not met.

j) aspiration hazard;

Based on available data, the classification criteria are not met.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

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SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
3-iodo-2-propynyl butylcarbamate, 3-iodoprop-2-yn-1-yl butylcarbamate CAS No: 55406-53-6 EC No: 259-627-5	Fish	LC50	Fish	0,183 mg/l (96 h) [1] [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch.Environ.Contam.Toxicol. 35(3):472-478. Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.
	Aquatic invertebrates	LC50	Crustaceans	0,5 mg/l (48 h) [1] [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch.Environ.Contam.Toxicol. 35(3):472-478
	Aquatic plants			

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
naphthalene CAS No: 91-20-3 EC No: 202-049-5	3,3	-	-	Moderate

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

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12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN3082

14.2 UN proper shipping name.

Description:

ADR/RID: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PERMETHRIN (ISO)M-PHENOXYBENZYL 3-(2,2DICHOROVINYL)-2,2-DIMETHYLCYCLOPRO PANECARBOXYLATE / PROPICONAZOLE(ISO) (±) 1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3DIOXOLAN-2-YLMETHYL]-1H—1,2,4-TRIAZOLE / 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate), 9, PG III, (-)

IMDG: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PERMETHRIN (ISO)M-PHENOXYBENZYL 3-(2,2DICHOROVINYL)-2,2-DIMETHYLCYCLOPRO PANECARBOXYLATE / PROPICONAZOLE(ISO) (±) 1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3DIOXOLAN-2-YLMETHYL]-1H—1,2,4-TRIAZOLE / 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate), 9, PG III, MARINE POLLUTANT

ICAO/IATA: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PERMETHRIN (ISO)M-PHENOXYBENZYL 3-(2,2DICHOROVINYL)-2,2-DIMETHYLCYCLOPRO PANECARBOXYLATE / PROPICONAZOLE(ISO) (±) 1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3DIOXOLAN-2-YLMETHYL]-1H—1,2,4-TRIAZOLE / 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate), 9, PG III

14.3 Transport hazard class(es).

Class(es): 9

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: Yes



Dangerous for the environment

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-F

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14.6 Special precautions for user.

Labels: 9



Hazard number: 90

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Proceed in accordance with point 6.

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 30 kg B

14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

Information related to Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products:

Product Type	Group
Wood preservatives	Preservatives

Active substances	Concentration %
propiconazole(ISO); (±) 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3dioxolan-2-ylmethyl]-1H-1,2,4-triazole CAS No: 60207-90-1 EC No: 262-104-4	0,85
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate CAS No: 55406-53-6 EC No: 259-627-5	0,4
permethrin (ISO);m-phenoxybenzyl 3-(2,2dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate CAS No: 52645-53-1 EC No: 258-067-9	0,37

Substances including by Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals:

Name	
propiconazole(ISO); (±) 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3dioxolan-2-ylmethyl]-1H—1,2,4-triazole CAS No: 60207-90-1 EC No: 262-104-4	
Annex I Part 1 - Subcategory	Limitation
Pesticide in the group of plant protection products	Ban

Name

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permethrin (ISO);m-phenoxybenzyl 3-(2,2dichorovinyl)-2,2-dimethylcyclopro panecarboxylate
CAS No: 52645-53-1
EC No: 258-067-9

Annex I Part 1 - Subcategory	Limitation
Pesticide in the group of plant protection products	Ban

Kind of pollutant to water (Germany): WGK 3: Very hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H360D	May damage the unborn child.
H372	Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.(laringe)
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 3 : Acute toxicity (Inhalation), Category 3
Acute Tox. 4 : Acute toxicity (Inhalation), Category 4
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1
Asp. Tox. 1 : Aspiration toxicity, Category 1
Carc. 2 : Carcinogen, Category 2
Eye Dam. 1 : Serious eye damage, Category 1
Repr. 1B : Reproductive toxicant, Category 1B
STOT RE 1 : Specific target organ toxicity following a repeated exposure, Category 1
Skin Sens. 1 : Skin sensitiser, Category 1

Changes regarding to the previous version:

- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Modification in the values of the physical and chemical properties (SECTION 9).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards On basis of test data
Health hazards Calculation method
Environmental hazards Calculation method

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It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR/RID: Agreement concerning the International Carriage of Dangerous Goods by Road.

AwSV: Facility Regulations for handling substances that are hazardous for the water.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

NOEC: No observed effect concentration.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

WGK: Water hazard classes.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.