

# SAFETY DATA SHEET

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

## SBPOOL SUPER40-A

Version 1 Date of compilation: 14/12/2021

Version 5 (replaces version 4)

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

#### 1.1 Product identifier.

Product Name: SBPOOL SUPER40 -A  
Product Code: SUPER40-A

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

Not available.

#### 1.3 Details of the supplier of the safety data sheet.

Company: **GLOOERS TECHNOLOGIES, S.L.**  
Address: C/ Calatrava 68  
City: 08022 - Barcelona  
Province: Barcelona  
Telephone: 665104648  
E-mail: kiko@sailingtechnologies.com

#### 1.4 Emergency telephone number: (Only available during office hours; Monday-Friday; 08:00-18:00)

### SECTION 2: HAZARDS IDENTIFICATION.

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

#### 2.1 Classification of the substance or mixture.

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

Aquatic Chronic 2 : Toxic to aquatic life with long lasting effects.

Eye Irrit. 2 : Causes serious eye irritation.

Skin Irrit. 2 : Causes skin irritation.

Skin Sens. 1 : May cause an allergic skin reaction.

#### 2.2 Label elements.

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

Pictograms:



Signal Word:

#### **Warning**

Hazard statements:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements:

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P321	Specific treatment (see ... on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to ...

EUH statements:

EUH205	Contains epoxy constituents. May produce an allergic reaction.
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Contains:

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight  $\leq$  700)

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

### 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.

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

### 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
CAS No: 9003-36-5 EC No: 500-006-8 Registration No: 01-2119454392-40-XXXX	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	25 - 50 %	Aquatic Chronic 2, H411 - Eye Irrit. 2, H319 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
Index No: 603-074-00-8 CAS No: 25068-38-6 EC No: 500-033-5 Registration No: 01-2119456619-26-XXXX	reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight $\leq$ 700)	5 - 25 %	Aquatic Chronic 3, H412 - Eye Irrit. 2, H319 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	Eye Irrit. 2, H319: C $\geq$ 5 % Skin Irrit. 2, H315: C $\geq$ 5 %
Index No: 606-002-00-3 CAS No: 78-93-3 EC No: 201-159-0 Registration No: 01-2119457290-43-XXXX	[1] [2] butanone, ethyl methyl ketone	1 - 10 %	Flam. Liq. 2, H225	-
CAS No: 63843-89-0 EC No: 264-513-3	bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate	1 - 10 %	Acute Tox. 4, H302	-
Index No: 603-025-00-0 CAS No: 109-99-9 EC No: 203-726-8 Registration No: 01-2119444314-46-XXXX	[1] [2] tetrahydrofuran	0.1 - 1 %	Flam. Liq. 3, H226	-

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

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

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

## SECTION 4: FIRST AID MEASURES.

IRRITANT MIXTURE. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

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### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### 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. Don't let the person to rub the affected eye.

#### Skin contact.

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

#### Ingestion.

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

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

It may cause an allergic reaction, dermatitis, redness or inflammation of the skin.

### 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. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

## SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

### 5.1 Extinguishing media.

#### Suitable extinguishing media:

Extinguisher powder or CO<sub>2</sub>. 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.

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### 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.

## 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 25 ° 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-authorized 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).

Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

### 8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m <sup>3</sup>
butanone, ethyl methyl ketone	78-93-3	European Union [1]	Eight hours	200	600
			Short term	300	900
		United Kingdom [2]	Eight hours	200	600
			Short term	300	899
		Éire [3]	Eight hours	200	600
			Short term	300	900
		United States [4] (Cal/OSHA)	Eight hours	200	
			Short term	300	
		United States [5] (NIOSH)	Eight hours	200	
			Short term	300	
		United States [6] (OSHA)	Eight hours	200	590
			Short term		
tetrahydrofuran	109-99-9	European Union [1]	Eight hours	50 (skin)	150 (skin)
			Short term	100 (skin)	300 (skin)
		United Kingdom [2]	Eight hours	50	150
			Short term	100	300
		Éire [3]	Eight hours	50	150
			Short term	100	300

[1] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

[2] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[3] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

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[4] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[5] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[6] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight $\leq$ 700) CAS No: 25068-38-6 EC No: 500-033-5	DNEL (Workers)	Inhalation, Chronic, Systemic effects	12,25 (mg/m <sup>3</sup> )
butanone, ethyl methyl ketone CAS No: 78-93-3 EC No: 201-159-0	DNEL (Workers)	Inhalation, Chronic, Systemic effects	600 (mg/m <sup>3</sup> )
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	106 (mg/m <sup>3</sup> )
	DNEL (Workers)	Dermal, Chronic, Systemic effects	1161 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	412 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	31 (mg/kg bw/day)
	DMEL (Consumers)	Inhalation, Chronic, Systemic effects	106 (mg/m <sup>3</sup> )
	DMEL (Consumers)	Dermal, Chronic, Systemic effects	412 (mg/m <sup>3</sup> )
tetrahydrofuran CAS No: 109-99-9 EC No: 203-726-8	DNEL (Workers)	Inhalation, Chronic, Local effects	150 (mg/m <sup>3</sup> )
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	150 (mg/m <sup>3</sup> )

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.

Concentration levels PNEC:

Name	Details	Value
butanone, ethyl methyl ketone CAS No: 78-93-3 EC No: 201-159-0	aqua (freshwater)	55,8 (mg/L)
	aqua (marine water)	55,8 (mg/L)
	Soil	22,5 (mg/kg soil dw)
	aqua (intermittent releases)	55,8 (mg/L)
	STP	709 (mg/L)
	sediment (freshwater)	284,74 (mg/kg sediment dw)
	sediment (marine water)	284,7 (mg/kg sediment dw)
	oral (Hazard for predators)	1000 (mg/kg food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

### 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:	
Breathing protection:	

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PPE:	Filter mask for protection against gases and particles.				
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.				
CEN standards:	EN 136, EN 140, EN 405				
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor. Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.				
Observations:	Filter Type needed: A2				
<b>Hand protection:</b>					
PPE:	Work gloves.				
Characteristics:	«CE» marking, category I.				
CEN standards:	EN 374-1, EN 374-2, EN 374-3, EN 420				
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
<b>Eye protection:</b>					
PPE:	Face shield.				
Characteristics:	«CE» marking, category II. Face and eye protector against splashing liquid.				
CEN standards:	EN 165, EN 166, EN 167, EN 168				
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.				
Observations:	Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.				
<b>Skin protection:</b>					
PPE:	Protective clothing.				
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.				
CEN standards:	EN 340				
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer. The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.				
Observations:					
PPE:	Work footwear.				
Characteristics:	«CE» marking, category II.				
CEN standards:	EN ISO 13287, EN 20347				
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.				
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident				

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

#### 9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: Blanco

Odour: resina epoxi

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: Not applicable/Not available due to the nature/properties of the product

Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: >200 °C

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product

Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: >200 °C

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Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product  
Decomposition temperature: >200 °C  
pH: Not applicable/Not available due to the nature/properties of the product  
Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product  
Solubility: Not applicable/Not available due to the nature/properties of the product  
Hydrosolubility: Not applicable/Not available due to the nature/properties of the product  
Liposolubility: Not applicable/Not available due to the nature/properties of the product  
Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product  
Vapour pressure: Not applicable/Not available due to the nature/properties of the product  
Absolute density: Not applicable/Not available due to the nature/properties of the product  
Relative density: 1,19  
Relative vapour density: Not applicable/Not available due to the nature/properties of the product  
Particle characteristics: Not applicable/Not available due to the nature/properties of the product

### 9.2 Other information

Viscosity: 8.000 - 12.000

Explosive properties: Not applicable/Not available due to the nature/properties of the product

Oxidizing properties: Not applicable/Not available due to the nature/properties of the product

Dropping point: Not applicable/Not available due to the nature/properties of the product

Blink: Not applicable/Not available due to the nature/properties of the product

## SECTION 10: STABILITY AND REACTIVITY.

### 10.1 Reactivity.

The product does not present hazards by their reactivity.

### 10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

### 10.3 Possibility of hazardous reactions.

In certain conditions this may cause a polymerization reaction.

### 10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.

### 10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

### 10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- CO<sub>x</sub> (carbon oxides).
- Organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION.

Based on the properties of the epoxy components, and keeping in mind the toxicological data on similar preparations, this preparation can sensitise and irritate the skin, eyes, and respiratory tract.

The low molecular weight epoxy components are irritants to the eyes, mucous membranes, and skin. Repeated contact with the skin can lead to its irritation or sensitisation, possibly with accentuated autosensitisation to other epoxies.

IRRITANT MIXTURE. Splashes in the eyes can cause irritation.

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IRRITANT MIXTURE. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

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

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

### Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
butanone, ethyl methyl ketone  CAS No: 78-93-3      EC No: 201-159-0	Oral	LD50	Rat	2740 mg/kg bw [1]
		[1] Toxicology and Applied Pharmacology. Vol. 19, Pg. 699, 1971		
	Dermal	LD50	Rabbit	6480 mg/kg bw [1]
			[1] Shell Chemical Company. Vol. MSDS-5390-4	
Inhalation				

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 39.775 mg/kg

b) skin corrosion/irritation;

Product classified:

Skin irritant, Category 2: Causes skin irritation.

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;

Product classified:

Skin sensitiser, Category 1: May cause an allergic skin reaction.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

### 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.

## SECTION 12: ECOLOGICAL INFORMATION.

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### 12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
butanone, ethyl methyl ketone  CAS No: 78-93-3      EC No: 201-159-0	Fish	LC50	Pimephales promelas	2993 mg/l (96 h) [1]
				[1] Experimental result, 1998.
	Aquatic invertebrates	LC50	Daphnia magna	8890 mg/l (24 h) [1]
			[1] Experimental result, 1977.	
	Aquatic plants	EC50	Pseudokirchnerella subcapitata	2029 mg/l (96 h) [1]
			[1] OECD Guideline 201 (Alga, Growth Inhibition Test) reliability based in 2006 guideline.	

### 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
butanone, ethyl methyl ketone  CAS No: 78-93-3      EC No: 201-159-0	0,29	-	-	Very low
bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate  CAS No: 63843-89-0      EC No: 264-513-3	10,03	-	-	Very high
tetrahydrofuran  CAS No: 109-99-9      EC No: 203-726-8	0,46	-	-	Very low

### 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.

### 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.

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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. (ADHESIVES), 9, PG III, (-)

IMDG: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ADHESIVES), 9, PG III, MARINE POLLUTANT

ICAO/IATA: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ADHESIVES), 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

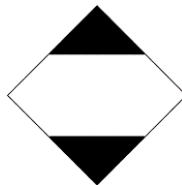
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-F

#### 14.6 Special precautions for user.

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 30 kg B



Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Proceed in accordance with point 6.

#### 14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

### SECTION 15: REGULATORY INFORMATION.

This information is shown on the current Safety Data Sheet for the Preparation.

#### 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

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

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### 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:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4  
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2  
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3  
Carc. 2 : Carcinogen, Category 2  
Eye Irrit. 2 : Eye irritation, Category 2  
Flam. Liq. 2 : Flammable liquid, Category 2  
STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2  
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3  
Skin Irrit. 2 : Skin irritant, Category 2  
Skin Sens. 1 : Skin sensitiser, Category 1

Changes regarding to the previous version:

- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- Modification in the firefighting measures (SECTION 5.2).
- Modifications in the accidental release measures (SECTION 6.1).
- Modifications in the accidental release measures (SECTION 6.2).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Change in the hazard classification (SECTION 11.1).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- Elimination of abbreviations and acronyms (SECTION 16).
- Addition of abbreviations and acronyms (SECTION 16).

### 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

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: European Agreement concerning the International Carriage of Dangerous Goods by Road.

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

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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.  
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

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.