

# **Europox ZY A-component**

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 9-11-2022 Version: 1.0

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture : Europox ZY Product name

: HG40-3038-300Q-35UU UFI

Coatings and paints, fillers, putties, thinners Product group

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

Function or use category : Coating

# 1.2.2. Uses advised against

No additional information available.

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

Eurostep Poland Sp.

z o.o. 95-054

Ksawerów

ul. Tymiankowa 37/39

info@eurostep.pl www.eurostep.pl

# 1.4. Emergency telephone number

: +31 (0)78 6513100 Emergency number

This number is serviced during office hours.

Country	Official advisory body	Address	Emergency number	Remark
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications

# SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2 H319 Skin sensitisation, Category 1 H317 Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

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

#### 2.2. Label elements

# Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





Signal word (CLP)

Hazard statements (CLP)

Contains

: Warning

: Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-

[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2ylmethoxy)benzyl]phenoxy}methyl)oxirane; bis-[4-(2,3-epoxipropoxi)phenyl]propane

: 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.

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Precautionary statements (CLP) : P261 - Avoid breathing vapours, mist.

P264 - Wash Wash skin thoroughly with mild soap and water thoroughly after handling.

P280 - Wear eye protection, protective gloves.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P391 - Collect spillage.

P501 - Dispose of contents and container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

# **SECTION 3: Composition/information on ingredients**

# 3.1. Substances

Not applicable

3.2. Mixtures				
Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
bis-[4-(2,3-epoxipropoxi)phenyl]propane	(CAS-No.) 1675-54-3 (EC-No.) 216-823-5 (EC Index-No.) 603-073-00-2 (REACH-no) 01-2119456619-26	50 – 70	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane	(EC-No.) 701-263-0 (REACH-no) 01-2119454392-40	15 – 20	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Benzyl alcohol	(CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 (REACH-no) 01-2119492630-38	10 – 15	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319	

Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
bis-[4-(2,3-epoxipropoxi)phenyl]propane	(CAS-No.) 1675-54-3 (EC-No.) 216-823-5 (EC Index-No.) 603-073-00-2 (REACH-no) 01-2119456619-26	( 5 ≤C ≤ 100) Skin Irrit. 2, H315 ( 5 ≤C ≤ 100) Eye Irrit. 2, H319	

Full text of H-phrases: see section 16

# SECTION 4: First aid measures 4.1. Description of first aid measures

First-aid measures general

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek

medical advice. Wash skin with mild soap and water. Take off contaminated clothing. Wash contaminated

clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. : Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. : Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If

inhaled, call a doctor.

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

: Irritation. May cause an allergic skin reaction. Symptoms/effects after skin contact

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media Suitable extinguishing media

: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Presents no particular fire or explosion hazard.

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Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Caution : this product can cause the floor to be slippery.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing vapours, mist.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or

streams

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear

personal protective equipment. Avoid breathing vapours, mist.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be

allowed out of the workplace. Do not eat, drink or smoke when using this product. Always

wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed

when not in use.

Incompatible products : Strong acids. Strong bases. Oxidizing agent. Heat and ignition sources : Keep away from heat and direct sunlight.

# 7.3. Specific end use(s)

No additional information available.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### 8.1.1 National occupational exposure and biological limit values

No additional information available.

# 8.1.2. Recommended monitoring procedures

No additional information available.

#### 8.1.3. Air contaminants formed

No additional information available.

# 8.1.4. DNEL and PNEC

No additional information available.

#### 8.1.5. Control banding

No additional information available.

### 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

# Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):

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#### 8.2.2.1. Eye and face protection

Eye protection:	
Safety glasses. DIN EN 166	

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing. CEN: EN 340; EN 369; EN 465

# Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR), Polyvinylchloride (PVC)	6 (> 480 minutes)	≥0.11		EN 374

# 8.2.2.3. Respiratory protection

### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143

#### 8.2.2.4. Thermal hazards

No additional information available.

# 8.2.3. Environmental exposure controls

# **Environmental exposure controls:**

Avoid release to the environment.

# Other information:

Do not eat, drink or smoke during use.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : transparent.
Colour : light yellow.
Odour : Odourless.
Odour threshold : No data available.
pH : No data available.
Relative evaporation rate (butylacetate=1) : No data available.

 No data available. Melting point Freezing point No data available. Boiling point No data available. Flash point : No data available. : No data available. Auto-ignition temperature Decomposition temperature No data available. Flammability (solid, gas) Not applicable : No data available. Vapour pressure Relative vapour density at 20 °C No data available. Relative density No data available. Solubility : No data available. Partition coefficient n-octanol/water (Log Pow) : No data available.

Partition coefficient n-octanol/water (Log Pow)
Viscosity, kinematic
Viscosity, dynamic
Explosive properties
Coxidising properties
Explosive limits

No data available.

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#### 9.2. Other information

VOC content : 13 % Additional information : Not applicable

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

# 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No additional information available.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

# 10.5. Incompatible materials

Strong acid. Strong bases. Strong oxidation agent.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

Benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg
LC50 Inhalation - Rat	4,8 mg/l/4h
ATE oral	1230 mg/kg bodyweight
ATE gases	4500 ppmv/4h
ATE vapours	4,8 mg/l/4h
ATE dust/mist	4,8 mg/l/4h

bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)	
LD50 oral rat	> 15000 mg/kg
LD50 dermal rat	> 2000 mg/kg

phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane		
	LD50 oral rat	> 5000 mg/kg
	LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation Causes serious eye irritation. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified Reproductive toxicity : Not classified : Not classified STOT-single exposure STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and

symptoms

: Irritation: severely irritant to eyes, Irritating to skin.

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# **SECTION 12: Ecological information**

12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

: Not classified

: Toxic to aquatic life with long lasting effects.

(chronic)

bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)	
LC50 - Fish [1]	2 mg/l (Oncorhynchus mykiss)
EC50 - Crustacea [1]	1,8 mg/l (Daphnia magna)
ErC50 algae	> 11 mg/l (Scenedesmus capricornutum)
NOEC chronic crustacea	0,3 mg/l (OECD 211; Daphnia magna)
NOEC chronic algae	2,4 mg/l (Oncorhynchus mykiss)

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane	
EC50 72h - Algae [1]	≥ 1,8 mg/l (OECD 201; Pseudokirchneriella subcapitat)
NOEC chronic crustacea	0,3 mg/l (OECD 211; Daphnia magna)
2.2. Persistence and degradability	
Europox ZY	
Persistence and degradability	Not readily biodegradable.

Benzyl alcohol (100-51-6)	
Persistence and degradability	Readily biodegradable.
12.3. Bioaccumulative potential	
Benzyl alcohol (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1,1
Bioaccumulative potential	Due to the n-octanol-water partition coefficient, a bio-accumulation in organisms is not to be expected.

bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)	
Partition coefficient n-octanol/water (Log Pow)	≥ 2,918 (25 °C; pH 7,1)

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-
phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane

Partition coefficient n-octanol/water (Log Pow) 3,6 (20 °C)

# 12.4. Mobility in soil

No additional information available.

#### 12.5. Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

# 12.6. Other adverse effects

No additional information available.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Waste treatment methods Ecology - waste materials

- European List of Waste (LoW) code
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Avoid release to the environment.
- 08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS),

ADHESIVES, SEALANTS AND PRINTING INKS

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**SECTION 14: Transport information** 

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ADR	IMDG	IATA	ADN	RID
	- IMDO	- INIA	ADI	- ND
14.1. UN number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3- epoxipropoxi)phenyl]propan e)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propan e)	Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2,3- epoxipropoxi)phenyl]propan e)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propan e)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propare)
Transport document descr	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propan e), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propan e), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2,3- epoxipropoxi)phenyl]propan e), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propan e), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-[4-(2,3-epoxipropoxi)phenyl]propar e), 9, III
14.3. Transport hazard	class(es)			
9	9	9	9	9
	**************************************			**************************************
14.4. Packing group				
III	III	III	III	III
14.5. Environmental haz	zards			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information	n available.			
14.6. Special precautions	s for user			
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk contai (ADR) Portable tank and bulk contai (ADR) Tank code (ADR)	: 5I : E1 : P00 DR) : PP PR) : MF ner instructions : T4	I, 335, 375, 601 D1, IBC03, LP01, R001 1 19 1, TP29		
Vehicle for tank carriage Transport category (ADR) Special provisions for carriage - Packages (ADR)				

Tunnel restriction code (ADR) EAC code : •3Z

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Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP01, P001 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) : TP1. TP29 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F Stowage category (IMDG) : A MFAG-No : 171

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y964 : 30kgG PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) : 964 PCA max net quantity (IATA) : 450L CAO packing instructions (IATA) : 964 CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601 Limited quantities (ADN)

: 5 L Excepted quantities (ADN) : E1 Equipment required (ADN) : PP Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 51 Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) Mixed packing provisions (RID) : MP19 Portable tank and bulk container instructions (RID) : T4 : TP1, TP29

Portable tank and bulk container special provisions

(RID)

Tank codes for RID tanks (RID) : LGBV Transport category (RID) Special provisions for carriage - Packages (RID) : W12 Special provisions for carriage - Loading, : CW13, CW31

unloading and handling (RID)

Colis express (express parcels) (RID) : CE8 Hazard identification number (RID) : 90

# 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:			
Reference code	Applicable on	Entry title or description	
3(b)	Europox ZY; Benzyl alcohol; Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane; bis-[4-(2,3-epoxipropoxi)phenyl]propane	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	

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[methylenebis(2, phenyleneoxyme 2,2'-[methyleneb phenyleneoxyme 2-({2-[4-(oxiran-2	,1- ethylene)]bis(oxirane) and bis(4,1- ethylene)]bis(oxirane) and	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 13 %

### 15.1.2. National regulations

Ensure all national/local regulations are observed

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information			
Indication of changes:	ndication of changes:		
Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
9.1	Colour	Modified	
9.1	Appearance	Added	

Abbreviations and acronyms:		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ATE	Acute Toxicity Estimate	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LD50	Median lethal dose	
PBT	Persistent Bioaccumulative Toxic	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources Other information : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.
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Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H411	Toxic to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Skin Irrit. 2	H315	Calculation method	
Eye Irrit. 2	H319	Calculation method	
Skin Sens. 1	H317	Calculation method	
Aquatic Chronic 2	H411	Calculation method	

Safety Data Sheet applicable for : GB - United Kingdom

regions
The classification complies with : ATP 12
This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)797676006 | info@chemprosbv.nl

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