| EUROSTEP Posadzki i nawierzchnie syntetyczne | **SAFETY DATA SHEET** | **Date of issue: 15.04.2025**<br>**VERSION: 1.0/EN** |
|---|---|---|

# Europox TQ Component B

Prepared in accordance with Regulation (EU) **2020/878** amending Annex II to REACH (Regulation (EC) No 1907/2006)

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

### 1.1 Product identifier

**Trade name:** **Europox TQ – Component B**
**Chemical Name:** **Polyether Amine**
**CAS Number:** 9046-10-0
**EC Number:** 618-561-0
**Index Number:** Not applicable
**Registration Number:** 01-2119557899-12-xxxx

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

Identified uses Two-component epoxy resin for industrial and professional use. Hardener.
SU3 Industrial uses.
SU 22 Professional uses.
Uses advised against: Uses other than those identified above, especially consumer use or applications not in accordance with supplier's instructions.

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

**Eurostep Poland Sp. z o.o.**
95-054 Ksawerów
ul. Tymiankowa 37/39; Poland
Tel.: +48 609 222 050
www.eurostep.pl
Product technical information: info@eurostep.pl

### 1.4 Emergency telephone number

Nationwide emergency telephones **(Mon-Fri 8:00 – 16:00): (+48) (42) 235-28-88**
112 (emergency telephone number)

**Emergency telephone number**

| Country | Official advisory body | Address | Emergency number | Remark |
|---|---|---|---|---|
| Austria | Vergiftungsinformationszentra le (Poisons Information Centre) | Stubenring 6<br>1010 Wien | +43 1 406 43 43 | |
| Belgium | Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base – Reine Astrid | Rue Bruyn 1 B -1120 Bruxelles/Brussel | +32 70 245 245 | Please dial: 070 245245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee) |
| Bulgaria | Национален токсикологичен информационен център (National Toxicological Information Centre) Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов" (National Clinical Toxicology Centre), Emergency Medical Institute "Pirogov" | 21 Totleben Boulevard<br>1606 SOFIA | +359 2 9154 409 | |
| Croatia | Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada | Ksaverska Cesta 2 p.p. 291<br>10000 Zagreb | +385 1 234 8342 | |
| Cyprus | Κέντρου Δηλητηριάσεων | | 1401 | Operating hours 24 hours / 24 hours, 7 days a week |
| Czech Republic | Toxikologickéinformačnístředisko Klinikapracovníholékařství VFN a 1. LF UK | Na Bojišti 1<br>120 00 Praha 2 | +420 224 919 293<br>+420 224 915 402 | |
| Denmark | Giftlinjen Bispebjerg Hospital | Bispebjerg Bakke 23<br>2400 København NV | +45 82 12 12 12 | |
| Estonia | Mürgistusteabekeskus | Gonsiori 29<br>15027 Tallinn | 16662<br>+372 626 93 90 | |
| Finland | Myrkytystietokeskus | Stenbäckinkatu 9<br>PO BOX 100 29 Helsinki | +358 9 471 977<br>+358 9 4711 | |
| France | Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal | 200 rue du Faubourg Saint-Denis<br>75475 Paris Cedex 10 | +33 1 40 05 48 48 | |
| France | Centre Antipoison et de Toxicovigilance de Marseille<br>Hôpital Sainte Marguerite | 270 boulevard de Sainte Marguerite 13274<br>Marseille Cedex 09 | +33 4 91 75 25 25 | |
| Germany | Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik rechts der Isar der Technischen Universität München | Ismaninger Straße 22<br>81675 München | +49 (0) 89 19240 | |

| | | | | |
|---|---|---|---|---|
| Germany | Giftnotruf der Charité CBF, Haus VIII (Wirtschaftgebäude), UG | Hindenburgdamm 30<br>12203 Berlin | +49 (0) 30 19240 | |
| Greece | Poisons Information Centre Children's Hospital P&A<br>Kyriakou | 11762 Athens | +30 2 10 779 3777 | |
| Hungary | Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat | Nagyvárad tér 2.<br>1437 Budapest, Pf. 839<br>1097 Budapest | +36 80 20 11 99 | |
| Iceland | Eitrunarmiðstöð Landspítali | Fossvogi 108 Reykjavik | +354 543 22 22 | |
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166<br>(public, 8am - 10pm, 7/7) | |
| Italy | Centro Antiveleni Dipartimento di Tossicologia Clinica, Universita Cattolica del Sacro Cuore | Largo Agostino Gemelli<br>8 168 Roma | +39 06 305 4343 | |
| Latvia | Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs | Hipokrāta 2<br>1038 Rīga | +371 67 04 24 73 | |
| Lithuania | Apsinuodijimų informacijos biuras | Birutės g. 56<br>8110 Vilnius | +370 5 236 20 52<br>+370 687 53378 | |
| Luxembourg | Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn 1<br>1120 Bruxelles/Brussel | +352 8002 5500 | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital<br>MSD Msida | +356 2545 6504 | |
| Netherlands | Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-) artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet | Huispostnummer<br>B.00.118<br>PO Box 85500<br>3508 GA Utrecht | +31 30 274 88 88 | Only for thepurpose of informing medical personnel in cases of acute intoxications |
| Norway | Giftinformasjonen Helsedirektoratet | P.O. Box 7000 St. Olavs Plass 130 Oslo | +47 22 591300 | |
| Poland | National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź) | ul. Teresy 8 P.O. BOX 199 90950 Łódź | +48 42 63 14 724 | |
| Portugal | Centro de InformaçãoAntivenenosInstituto Nacional de Emergência Médica | Rua Almirante Barroso,<br>36 1000-013 Lisboa | +351 808 250 143 | |
| Romania | Department of Clinical Toxicology Spitalul de Urgenta Floreasca | Calea Floreasca<br>Bucuresti | +40 21 230 8000 | |
| Serbia | Nacionalni centar za kontrolu trovanja - VMA | Crnotravska 17<br>11000 Beograd | +381 11 360 84 40 (24h)<br>+381 11 3672 187 | |
| Slovakia | Národné toxikologickéinformačné centrum UniverzitnánemocnicaBratislava, pracoviskoKramáre, Klinikapracovnéholekárstva a toxikológie | Limbová 5<br>833 05 Bratislava | +421 2 54 77 41 66 | |
| Slovenia | Center za kliničnotoksikologijo in farmakologijoInternaklinika, UKCL | Zaloška cesta 7<br>1525 Ljubljana | +386 41 650 500 | |
| Spain | Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Sevilla | Carretera de San Jerónimo Km 0,4<br>41080 Sevilla | +34 91 562 04 20 | (Toxicological emergencies only).<br>Information in Spanish (24/7) |
| Sweden | Giftinformationscentralen | Box 60 500<br>171 76 Stockholm | 112 – begär Giftinformation +46 10 456 6700 (Från utlandet) | (from abroad: +41 44 251 51 51)<br>non urgent inquiry: +41 44 251 66 66 |
| Switzerland | Tox Info Suisse | Freiestrasse 16<br>8032 Zürich | 145 | |

## 2 SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Physical and chemical hazards:

The substance is not classified as hazardous regarding physicochemical properties.

Health hazards

**Skin corrosion/irritation, Hazard Category 1, Sub-Categories 1A, 1B, 1C [Skin Corr. 1C]**

Causes severe skin burns and eye damage. (H314)

**Serious eye damage/eye irritation, Hazard Category 1 [Eye Dam. 1]**

Causes serious eye damage. (H318)

Environmental hazards:

**Hazardous to the aquatic environment - Chronic Hazard, Category 3 [Aquatic Chronic 3]**

Harmful to aquatic life with long lasting effects. (H412)

## 2.2 Label elements

**Labelling according Regulation (EC) No 1272/2008**

**Pictogram**

**GHS05**

**Signal word: Danger**

**Hazard statement(s)**

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement(s):**

Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Disposal

P501 Dispose of contents/container in accordance with national waste disposal regulations.

## 2.3 Other hazards

The substance does not meet the criteria for PBT (persistent, bioaccumulative, and toxic) or vPvB (very persistent and very bioaccumulative) substances according to Annex XIII of REACH Regulation (EC) No 1907/2006.

**PBT substances** (persistent, bioaccumulative and toxic).

**VPvB substances** (Very persistent and very bioaccumulative.).

**Ecological information:**

The substance does not have endocrine-disrupting properties towards the environment, according to Article 57(f) of REACH, Commission Regulation (EU) 2018/605, or Commission Delegated Regulation (EU) 2017/2100.

**Toxicological information:**

The substance does not have endocrine-disrupting properties according to Article 57(f) of REACH, Commission Regulation (EU) 2018/605, or Commission Delegated Regulation (EU) 2017/2100 at levels of 0.1% or higher.

# 3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

## 3.1 Substances:

| Substance identifier | Name of the substance | Weight fraction % | Classification in line with The Regulation (EC) No. 1272/2008 | | |
|---|---|---|---|---|---|
| | | | Signal Word Code(s) | Hazard Class and Category Code(s) | Hazard Statement Code(s) |

| | | | | | |
|---|---|---|---|---|---|
| CAS No: 9046-10-0<br>EC No: 618-561-0<br>Index No:<br>REACH No:<br>01-2119557899-12-xxxx | Polyether Amine | 100 | GHS07<br>GHS05<br>Dgr | Skin Corr. 1C<br>Eye Dam. 1<br>Aquatic Chronic 3 | H314<br>H318<br>H412 |

### 3.2 Mixtures:

Not applicable.

Full H phrases are specified in point 16 hereof.

## 4 SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation: If symptoms occur, move the affected person to fresh air and keep them at rest. If symptoms persist, seek medical advice.

Skin contact: Immediately remove contaminated clothing. Rinse skin thoroughly with plenty of water for at least 15 minutes. Do not rub the affected area. Apply a sterile dry dressing. Consult a physician immediately.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes, keeping eyelids open. Remove contact lenses if present and easy to do. Avoid rubbing eyes. If irritation persists, consult an ophthalmologist.

Ingestion: Do not induce vomiting. Rinse mouth with water (only if the person is conscious). If symptoms develop, seek medical attention and show the container or safety data sheet**.**

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

The most important known symptoms and effects are described in Section 2.2 (label elements) and Section 11 (toxicological information). Skin contact may cause severe chemical burns, pain, tissue necrosis, and scarring. Eye contact may result in serious eye damage, including irreversible vision loss. Symptoms may be delayed.

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

Treat symptomatically. Symptoms may be delayed. In case of skin sensitisation – avoid further exposure.

## 5 SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide ($CO_2$).

Unsuitable extinguishing media:

Jet water.

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

In case of fire, hazardous decomposition products may be formed, including carbon oxides, nitrogen oxides, and unidentified organic compounds. Avoid inhalation of combustion gases or vapours.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Do not let extinguishing water to reach drainage system, surface water and groundwater. Collect used extinguishing media.

## 6 SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid contact with skin and eyes. Ensure adequate ventilation. Wear appropriate personal protective equipment – protective gloves, safety goggles, and protective clothing. In case of large spills – evacuate unprotected personnel.

### 6.2 Environmental precautions

Prevent release into drains, surface water, or soil. In case of significant spillage, inform relevant authorities.

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

Absorb small amounts with inert material (e.g., sand, diatomaceous earth). Transfer to suitable, labelled containers for disposal in accordance with local regulations. Clean the contaminated area using detergent. Do not use solvents..

### 6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## 7 SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation of the work area. Avoid contact with skin and eyes. Use appropriate personal protective equipment, including chemically resistant gloves and safety goggles. Avoid inhalation of mist or vapours. Do not eat, drink or smoke while using the product. Follow general occupational hygiene principles. Keep away from acids, oxidising agents and strong oxidisers.

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

Store in tightly closed original containers in a cool, dry and well-ventilated area. Protect from direct sunlight and sources of heat or ignition. Do not store together with strong oxidising agents, acids or bases.

### 7.3 Specific end use(s)

No information on applications other than those listed in subsection 1.2.

## 8 SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1 Control parameters

**No occupational exposure limit values have been established for this substance.**

**DNEL values – Derived No-Effect Levels**
**Workers**
Long-term dermal (systemic): 2.5 mg/kg bw/day
Long-term dermal (local): 0.623 mg/cm$^2$
**General population**
Long-term dermal (systemic): 1.25 mg/kg bw/day
Long-term dermal (local): 0.311 mg/cm$^2$
Long-term oral (systemic): 0.04 mg/kg bw/day
**PNEC values – Predicted No-Effect Concentrations**
Freshwater: 0.015 mg/l
Marine water: 0.0143 mg/l
Freshwater sediment: 0.132 mg/kg dw
Marine water sediment: 0.125 mg/kg dw
Soil: 0.0176 mg/kg dw
Sewage treatment plant (STP): 7.5 mg/l
Intermittent release: 0.15 mg/l
Secondary poisoning: 6.93 mg/kg

Recommended monitoring procedures
Procedures shall be in place to monitor the air concentrations of hazardous components and, where available and justified at the workplace, to control the cleanliness of air in the workplace in accordance with relevant Polish or European Standards, taking into account the conditions at the exposure site and the appropriate measurement methodology adapted to the working conditions.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure effective general and/or local exhaust ventilation.

#### 8.2.2 Individual protection measures, such as personal protective equipment

Eye/face protection: Wear tightly fitting safety goggles or glasses in accordance with EN 166.

Skin protection: Use chemical-resistant protective gloves. Recommended glove material: nitrile rubber. For short-term contact, use protective gloves with a protection level of at least 2 (breakthrough time > 30 minutes according to EN 374). For prolonged contact, use protective gloves with protection level 6 (breakthrough time > 480 minutes). Wear protective clothing and footwear resistant to chemicals.

Respiratory protection: If ventilation is insufficient, use appropriate respiratory protection (e.g., mask with A1/P2 filter).

Hygiene measures: Do not eat, drink or smoke when using the product. Wash hands before breaks and after finishing work.

### 8.3 Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation

## 9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state: | Liquid |
| Colour: | Transparent to light yellow |
| Odour: | Characteristic |
| Melting point/freezing point: | No data available |
| Boiling point or initial boiling point and boiling range: | 232°C |
| Flammability: | No data available |
| Lower and upper explosion limit: | No data available |
| Flash point: | No data available |
| Auto-ignition temperature: | 230°C |
| Decomposition temperature: | No data available |
| pH: | 11.7 (5% w/w solution) |
| Kinematic viscosity: | 5.46 $mm^2/s$ |
| Solubility: | Soluble in water |
| Partition coefficient n-octanol/water (log value): | 1.34 |
| Vapour pressure: | No data available |
| Density and/or relative density: | 0.9476 |
| Relative vapour density: | No data available |
| Particle characteristics: | Not applicable [Liquid] |

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

Information unavailable.

#### 9.2.2 Other safety characteristics

Information unavailable.

## 10 SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No reactivity under normal storage and use conditions.

### 10.2 Chemical stability

Stable under recommended storage and usage conditions.

### 10.3 Possibility of hazardous reactions
No hazardous reactions are known if used as directed.

### 10.4 Conditions to avoid
Avoid elevated temperatures and contact with incompatible materials.

### 10.5 Incompatible materials
Strong acids, oxidising agents.

### 10.6 Hazardous decomposition products
In case of fire or thermal decomposition, carbon oxides, nitrogen oxides, fumes containing epoxy compounds and other unidentified toxic substances may be released.

## 11 SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Based on available information, classification criteria are not met.
Skin corrosion/irritation:
Causes severe skin burns.
Serious eye damage/irritation:
Causes serious eye damage.
Respiratory or skin sensitisation
Based on available information, classification criteria are not met.
Germ cell mutagenicity
Based on available information, classification criteria are not met.
Carcinogenicity
Based on available information, classification criteria are not met.
Reproductive toxicity
Based on available information, classification criteria are not met.
STOT-single exposure:
Based on available information, classification criteria are not met.
STOT-repeated exposure;
Based on available information, classification criteria are not met.
Aspiration hazard
Based on available information, classification criteria are not met.

### 11.2 Information on other hazards
11.2.1 Endocrine disrupting properties
Based on available data, the substance has not been identified as having endocrine disrupting properties according to the criteria set out in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

11.2.2 Other information
No known information.

## 12 SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity
Harmful to aquatic life with long lasting effects.
Literature data:
– Daphnia magna, EC50 (48 h): 15 mg/l
– Oncorhynchus mykiss, LC50 (96 h): 772 mg/l
– Algae, NOEC (72 h): 12.5 mg/l
In order to minimise long-term global pollution, this should be considered:
- Reducing the use of products and disposable packaging.
- Participation in recycling activities

- Do not allow product to enter water, sewage or soil

### 12.2 Persistence and degradability
Not readily biodegradable.

### 12.3 Bioaccumulative potential
Low potential for bioaccumulation (log Kow < 3).

### 12.4 Mobility in soil
Product is water-soluble and may be mobile in the aquatic environment. The mobility of the substance depends on their hydrophilic and hydrophobic properties and abiotic and biotic conditions of soil, including its structures, climatic conditions, seasons and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

### 12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### 12.6 Endocrine disrupting properties
Based on available data, the substance has not been identified as having endocrine disrupting properties with respect to environmental organisms, in accordance with the criteria laid down in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

### 12.7 Other adverse effects
Do not allow product to enter the environment. May cause long-term adverse effects in aquatic ecosystems.

## 13 SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods
**Mixture:**

Do not dispose of with household waste. Product residues should be treated as hazardous waste. Dispose of in accordance with national and local regulations. Recommended waste code:
**16 03 05* –** organic wastes containing hazardous substances or
**08 04 09*** waste adhesives and sealants containing organic solvents or other hazardous substances.

**Packaging:**

Contaminated packaging should be emptied as much as possible and disposed of in compliance with local waste regulations. If the packaging cannot be properly cleaned, it should be treated as hazardous waste. Recommended waste code: **15 01 10*** – *packaging containing residues of or contaminated by hazardous substances*.

**Legal basis**: Directive 2008/98/EC, 94/62/EC.

## 14 SECTION 14: TRANSPORT INFORMATION


The substance is subject to the regulations governing the transport of dangerous goods contained in ADR (road transport), RID (rail transport), ADN (inland waterway transport), IMDG (maritime transport), and ICAO/IATA (air transport).

### 14.1 UN number or ID number
ADR/ARID/IMDG/IATA: **UN 2735**

### 14.2 UN proper shipping name
ADR/RID/ IMDG/IATA: AMINES, LIQUID, CORROSIVE, N.O.S
Special provision 274: Polyether Amine

### 14.3 Transport hazard class(es)
ADR/RID/ IMDG/IATA: 8

**14.4 Packing group**

ADR/RID/ IMDG/IATA: III

**14.5 Environmental hazards**

ADR/RID/ IMDG/IATA: The product is not classified as hazardous to the environment according to the criteria laid down in the UN Model Regulations.

**14.6 Special precautions for user**

**ADR**

| | |
|---|---|
| Classification code: | C7 |
| Tunnel restriction code: | [E] |
| Transport category: | 3 |
| Limited and excepted Packaging | |
| Quantities 3.4 : | 5 L |
| Limited and excepted Packaging | |
| Quantities 3.5.1.2 | E1 |
| Mixed packing provisions: | MP19 |
| Packing instructions: | P001 IBC03; LP01; R001 |
| Special provisions | '274 |
| Special provisions for carriage | |
| Special provisions for carriage Packages : | V12 |
| Hazard identification No: | 80 |

**RID**

| | |
|---|---|
| Classification code: | C7 |
| Transport category: | 3 |
| Limited and excepted Packaging | |
| Quantities 3.4 : | 5 L |
| Limited and excepted Packaging | |
| Quantities 3.5.1.2 | E1 |
| Mixed packing provisions: | MP19 |
| Packing instructions: | P001 IBC03; LP01; R001 |
| Special provisions | '274 |
| Special provisions for carriage | |
| Special provisions for carriage Packages : | W12 |
| Express shipments:: | CE6 |
| Hazard identification No: | 80 |

**IMDG:**

| | |
|---|---|
| Special provisions | 223; 274 |
| Limited Quantity: | 5L |
| Quantities 3.5.1.2 | E1 |
| EmS-No. (Fire) : | F-A |
| EmS-No. (Spillage) : | S-B |
| Stowage category (IMDG) : | A |
| Segregation: | SGG18 SG35 |
| Packing instructions: | P001 IBC03 LP01 |

**IATA**

| | |
|---|---|
| Label | Corrosive |
| PCA Excepted quantities (IATA) : | E1 |
| PCA Limited quantities (IATA) : | Y841 |
| PCA limited quantity max net quantity (IATA) : | 1 L |
| PCA packing instructions (IATA) : | 852 |
| PCA max net quantity (IATA) : | 5L |
| CAO packing instructions (IATA) : | 856 |
| CAO max net quantity (IATA) : | 60L |

Special provision (IATA) : A3; A803
ERG code (IATA) : 8L

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

The cargo is not intended to be carried in bulk.

## 15 SECTION 15: REGULATORY INFORMATION

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

| | |
|---|---|
| **Seveso Directive 2012/18/EU (Seveso III):** | Not assigned |
| **Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Annex II:** | Not listed |
| **Regulation (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register (E-PRTR):** | Not listed |
| **Regulation (EU) No 98/2013 on the marketing and use of explosives precursors:** | Not listed |
| **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:** | Not listed |
| **Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on drug precursors: Not listed** | |
| **Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:** | Not listed |
| **Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (PIC):** | Not listed |
| **Commission Directive 2007/42/EC of 29 June 2007 relating to materials and articles made of regenerated cellulose film intended to come into contact with foodstuffs:** | Listed |
| **Substances of Very High Concern (SVHC) as defined in Article 57 of the REACH Regulation:** | Not listed |
| **Candidate List of Substances of Very High Concern for Authorisation (Article 59(10) of the REACH Regulation):** | Not listed |

Other legislation:

1 **Regulation (EC) No 1907/2006** concerning the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC, and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, and 2000/21/EC.

2 **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 concerning the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH).

3 **Regulation (EC) No 648/2004** of the European Parliament and of the Council of 31 March 2004 on detergents.

4 **Directive 94/62/EC** of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste, as amended.

5 **Regulation (EC) No 850/2004** of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC (as amended by subsequent regulations).

6 **Regulation (EC) No 1013/2006** of the European Parliament and of the Council of 14 June 2006 on shipments of waste (Waste Shipment Regulation).

7 **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 (PIC Regulation).

8 **Regulation (EC) No 1223/2009** of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

9 **Regulation (EC) No 1272/2008** on classification, labelling, and packaging of substances and mixtures (CLP), including the latest Adaptations to Technical Progress (ATPs).
10 **Directive 2012/19/EU** of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE Directive).
11 **Regulation (EU)** No **2019/**1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants (recasting Regulation (EC) No 850/2004).
12 **Regulation (EU) 2019/1148** of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors**.**
13 **Act of 13 April 2016** on the safety of trading in explosives precursors (Journal of Laws 2016, item 669; consolidated text: Journal of Laws 2019, item 994).
14 **Act of 25 February 2011** on chemical substances and their mixtures (Journal of Laws 2011, No 63, item 322; consolidated text: Journal of Laws 2022, item 1816).
15 **Act of 13 June 2013** on the management of packaging and packaging waste (consolidated text: Journal of Laws 2024, item 927).
16 **Act of 14 December 2012** on waste (consolidated text: Journal of Laws 2023, item 1587).
17 **Regulation of the Minister of Economy of 5 November 2009** on specific requirements for aerosol products (Journal of Laws 2009 No 188, item 1460 as amended).
18 **Notice of the Minister of Entrepreneurship and Technology of 15 April 2019** on the announcement of the consolidated text of the Regulation of the Minister of Economy on specific requirements for aerosol products (Journal of Laws 2019, item 975**).**
19 **Act on the transport of dangerous goods of 19 August 2011** (Journal of Laws No 227, item 1367; consolidated text: Journal of Laws 2022, item 2147).
20 **Government Statement of 13 March 2023** on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws 2023, item 891).

### 15.2 Chemical safety assessment

A chemical safety assessment has been carried out by the supplier.

## 16 SECTION 16: OTHER INFORMATION

**Other sources of information:**
IUCLID Data Bank (European Commission – European Chemicals Bureau)
ESIS – European Chemical Substances Information System (European Chemicals Bureau**)**

**SDS issued by: Małgorzata Krenke Feed Reach Consulting E-mail: biuro@frc.com.pl**

**H (hazard) phrases specified in point 2 and 3 hereof:**

| | |
|---|---|
| H412 | Harmful to aquatic life with long lasting effects. |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3. |
| H314 | Causes severe skin burns and eye damage. |
| Skin Corr. 1A /B/C | Skin corrosion/irritation, Hazard Category 1, Sub-Categories 1A, 1B, 1C |
| H318 | Causes serious eye damage. |
| Eye Dam 1 | Serious eye damage/eye irritation, Hazard Category 1. |

**Explanation of returns**

| | |
|---|---|
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |

| | |
|---|---|
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| CMR | Carcinogenic, Mutagenic or toxic for Reproduction |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No-Effect Level |
| EH40/2005 | Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| GHS " | Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| index No | the Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| STEL | short-term exposure limit |
| SVHC | Substance of Very High Concern |
| TWA | time-weighted average |
| VOC | Volatile Organic Compounds |
| vPvB | very Persistent and very Bioaccumulative |
| WEL | workplace exposure limit |

**Training**

Prior to working with the product you should be familiar with safety rules for handling the chemicals, in particular take proper workplace training. **People associated with the transport of hazardous materials in accordance with ADR** should be adequately trained to perform their duties (general training, bench and safety).

The provided information is based on current data and the manufacturer's knowledge and experience regarding the product. The Safety Data Sheet serves as guidance for safe handling during transport, distribution, application, and storage, but it does not certify the product's quality. The information is specific to the named product and may not apply to its use with other materials or in different applications. Users are responsible for complying with all applicable standards and regulations and bear responsibility for any misuse of the information in the Safety Data Sheet or improper use of the product.