

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Europox TQ Component A
Unique Formula
Identifier UFI: JJ10-2073-500Y-R5HR

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

Identified uses Epoxyd two-component epoxy resin SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU
Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Uses advised against: not determined.

1.3. 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

Emergency number : +31 (0)78 6513100
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 of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Physical and chemical hazards:

This mixture does not present a physical hazard. Health hazards Serious eye damage/eye irritation, Hazard Category 2 Eye Irrit. 2] Causes serious eye irritation (H319) Skin corrosion/irritation, Hazard Category 2 [Skin Irrit. 2] Causes skin irritation (H315) Sensitisation -Skin, hazard category 1, 1A, 1B [Skin Sens. 1]

May cause an allergic skin reaction (H317) Reproductive toxicity, Hazard Category 1A, 1B [Repr. 1B] May damage fertility. (H360F) Environmental hazards: Hazardous to the aquatic environment - Chronic Hazard, Category 2 [Aquatic Chronic 2] Toxic to aquatic life with long lasting effects (H411)

2.2. Label elements

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

Hazard pictograms (CLP)



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Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Signal word: Warning
Substances which influenced classification
Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)
Hazard statement(s) 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 statement(s): Prevention P280 Wear protective gloves/protective clothing/eye protection/face protection P273 Avoid release to the environment Response P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. Disposal P501 Dispose of contents/ container to an approved waste disposal plant
Additional labelling: EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3. Other hazards

The substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain substances included in the list established in accordance with Article 59 (1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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: 25068-38-6 EC No: 500-033-5 Index No: 603-074-00-8 REACH No: 01-2119492630-38-xxxx	Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	85 < x < 90	GHS09 GHS07 Wng	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2 Aquatic Chronic 2 Specific Concentration limits Skin Irrit. 2; H315: C \geq 5 % Eye Irrit. 2; H319: C \geq 5 %	H315. H317 H319 H411
CAS No: 100-51-6 EC No: 202-859-9 Index No: 603-057-00-5 REACH No: 01-2119492630-38-xxxx	Benzyl alcohol [1]	1 < x < 3	GHS07 Wng	Acute Tox. 4 Acute Tox. 4	H332 H302

Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

4.1 Description of first aid measures

If inhaled: Take the victim out of the exposure area, place them in a comfortable half-sitting or lying position, provide calm and protect against heat loss. If needed, seek medical help

In case of skin contact: Remove contaminated clothing. Wash the affected area with plenty of water, preferably lukewarm. If skin irritation persists, seek medical help

In case of eye contact: Rinse immediately with plenty of cool, running water and continue rinsing for at least 15 minutes. Remove contact lenses. Do not use heavy streams of water to avoid cornea damage. If the irritation persists, consult an eye-doctor.

If swallowed: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Possible burning sensation, temporary irritation. May cause an allergic skin reaction.

Eye contact: Causes serious eye irritation

Ingestion: Possible abdominal pain, nausea, vomiting, irritation of digestive tract.

Inhalation: In case of exposure to high vapour concentration possible irritation of respiratory tract, headache and dizziness

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically

SECTION 4: First aid measures

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lukewarm. If skin irritation persists, seek medical help

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minutes. Remove contact lenses. Do not use heavy streams of water to avoid cornea damage. If the irritation persists, consult an eye-doctor.

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Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

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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 (CO₂) Unsuitable extinguishing media: Jet water.

5.2. Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases. Do not inhale combustion products, they can be dangerous for human health

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the affected area. Avoid direct contact with releasing product. Avoid breathing vapors. Use personal protective equipment. Avoid contact with eyes and skin. Provide adequate ventilation. Remove all sources of ignition, extinguish flames, prohibit smoking. Danger of slipping on spilled product. For emergency responders: ensure that only the trained personnel removes the effects of the accident. Use personal protective measures.

6.2. Environmental precautions

In case of release of large amounts of the mixture, it is necessary to take appropriate steps to prevent it from spreading into the environment. Do not let the product to get to the sewage system. Notify relevant emergency services.

Europox TQ A COMP

Safety Data Sheet

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6.3. Methods and material for containment and cleaning up

Large spill: isolate the place of liquid accumulation, pump away the collected liquid. Small spill: collect with incombustible materials which absorb liquids (for example: sand, soil, universal firming agents, silica, vermiculite, etc.) and place in labeled containers. Treat the collected material as waste. Clean and ventilate the affected area

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not breathe mist/vapors/spray. Handle product only in closed system or provide appropriate exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Use only non-sparking tools. Keep away from open flames, hot surfaces and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Refer product specification and/or product label for specific storage temperature requirement. Keep container tightly closed. Keep away from heat, sparks and flame. Do not store with incompatible materials (see subsection 10.5).

7.3. Specific end use(s)

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

Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Benzyl alcohol [100-51-6]				
Finland	10	45		
Germany (AGS)	5 (1)	22 (1)	10 (1)(2)	44 (1)(2)
(DFG)	5 (1)(2)	22 (1)(2)	10 (1)(2)(3)	44 (1)(2)(3)
Latvia		5		
Poland		250		
Switzerland	5	22		
Remarks:				
Germany (AGS)	(1) Inhalable fraction and vapour (2) 15 minutes average value			
Germany (DFG)	(1) Inhalable fraction and vapour (2) Skin (3) 15 minutes average value			

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. The mode, type and frequency of tests and measurements should meet the requirements of the Ordinance of the Minister of Health of 2 February 2011 (OJ No. 33, item 166).

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Use the product in accordance with good occupational hygiene and safety practices. When handling do not eat, drink or smoke. Before break and after work wash hands carefully. Avoid eye contamination and prolonged skin contact. Do not inhale vapors. Ensure adequate ventilation in order to maintain the concentration of harmful factors below the limit values.

Europox TQ A COMP

Safety Data Sheet

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8.2.2. Personal protection equipment

Hand and body protection Use gloves resistant to chemicals. Recommended glove [nitrile rubber] In case of short-term exposure wear the protective gloves with protection level 2 or higher (breakthrough time > 30 min). In case of long-term exposure wear the protective gloves with protection level 6 (breakthrough time > 480 min). Wear protective clothing and shoes – resistant to chemicals When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination. Eye/face protection Use protective glasses, if there is a risk of eye contamination Respiratory protection : Not required, if the ventilation is adequate In case of vapors and aerosols formation, use the absorbing or absorbing and filtering equipment of an adequate protective class (class 1/ protection from gasses or vapors with a volume concentration lower than 0,1%; class 2/ protection from gasses or vapors with a volume concentration lower than 0,5%; class 3/ protection from gasses or vapors with a volume concentration up to 1%). If the concentration of oxygen is $\leq 19\%$ and/or the maximum concentration of toxic substance in the air is $\geq 1,0\%$ of volume the isolating equipment should be used. Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: Transparent clear liquid without shades
Odour: Organic compounds
Melting point/freezing point: Not available
Boiling point or initial boiling point and boiling range: Not available
Flammability: Not available Lower and upper
Explosion limit: Not available
Flash point: Not available Auto-ignition temperature: Not available
Decomposition temperature: Not available pH: Not available Kinematic viscosity: 1700-1900 mPa·s
Solubility: Not available Partition coefficient n-octanol/water (log value): Not available Vapour pressure: Not available Density and/or relative density: 1,14-1,15 g/cm³
Relative vapour density: Not available Particle characteristics: Not applicable [Liquid]

9.2. Other information

Information unavailable

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity under recommended storage and handling conditions.

10.2. Chemical stability

Stable under recommended storage and usage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use and storage.

10.4. Conditions to avoid

Information unavailable.

Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

10.5. Incompatible materials

Avoid contact with oxidizing materials.

10.6. Hazardous decomposition products

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds. Reference to other sections: 5.2.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700) LD50 Dermal Rabbit $>$ 2000 mg/kg - LD50 Oral Rat $>$ 2000 mg/kg - Benzyl alcohol LD50 Dermal Rabbit 2000 mg/kg - LD50 Oral Rat 1230 mg/kg Toxicity of mixture Acute toxicity ATE MIX oral (mg / kg): $>$ 2000 Based on available information, classification criteria are not met. ATE MIX dermal(mg/kg): $>$ 2.000,0 Based on available information, classification criteria are not met. ATE MIX inhalation (mg/l/4h): $>$ 20 Based on available information, classification criteria are not met. *ATEmix value was calculated using relevant converted acute toxicity point estimate included in 3.1.2 table from Regulation 1272/2008/EC. Based on available information, classification criteria are not met. Skin corrosion/irritation: Causes serious eye irritation Serious eye damage/irritation : Causes serious eye damage Respiratory or skin sensitisation May cause an allergic skin reaction Germ cell mutagenicity Based on available information, classification criteria are not met. Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. 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. Delayed and immediate effects as well as chronic effects from short and long-term exposure Skin contact: Possible burning sensation, temporary irritation. May cause an allergic skin reaction. Eye contact: Causes serious eye irritation Ingestion: Possible abdominal pain, nausea, vomiting, irritation of digestive tract. Inhalation: In case of exposure to high vapour concentration possible irritation of respiratory tract, headache and dizziness.

11.2 Information on other hazards 11.2.1 Endocrine disrupting properties The components of the mixture do not affect the functioning of the hormonal system in accordance with the evaluation criteria defined in the Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605 11.2.2 Other information Not applicable to substances

SECTION 12: Ecological information

12.1. Toxicity

Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700) EC50 1.8 mg/kg (daphnia) Toxicity of product Toxic to aquatic life with long lasting effects 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 No data available 12.3 Bioaccumulative potential Benzyl alcohol (100-51-6) (Log Pow) 1.1 12.4 Mobility in soil 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 (in Poland, in a variable moderate climate) 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 The product shall not contain ingredients included on the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria laid down in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%. 12.7 Other adverse effects The mixture is not classified as hazardous to the ozone layer. There should be considered the possibility of other harmful effects of the individual components of the mixture on the environment. (eg. the ability of disrupting endocrine , the impact of global warming potential).

Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods for the product: dispose in accordance with applicable regulations. Do not introduce into drains. Residues store in sealed, steel containers. . Disposal methods for used packing: reuse/recycle/eliminate empty containers in accordance with the local legislation. Only completely emptied packaging can be recycled. Legal basis: Directive 2008/98/EC, 94/62/EC.

SECTION 14: Transport information



375 These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

14.1 UN number or ID number ADR/ARID/IMDG/IATA: UN3082

14.2 UN proper shipping name ADR/RID/ IMDG/IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. 274: Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)

14.3 Transport hazard class(es) ADR/RID/ IMDG/IATA: 9

14.4 Packing group ADR/RID/ IMDG/IATA: III

14.5 Environmental hazards ADR/RID/ IMDG/IATA: Yes

14.6 Special precautions for user ADR Tunnel restriction code [-] Transport category 3 Limited quantity: LQ: 5 L Packing instructions: 'P001 IBC03 LP01 R001 Special provisions: '274;335;375;601 IMDG Packing instructions P001; LP01; IBC03 EmS: F-A, S-F Stowage and handling Category A Special provisions 274.335.969 Limited quantities LQ: 5 L IATA IATA-packing instructions - Passenger Excepted quantities (IATA) : E1 Limited quantities (IATA) : Y964 Limited quantity Passenger (IATA): 1L Packing instructions: (IATA) : 353 Max. quantity net (IATA) : 5L IATA (Cargo) IATA-packing instructions - Cargo: 364 IATA-max. quantity - Cargo: 60L ERG code (IATA) : 3L 14.7 Maritime transport in bulk according to IMO instruments The cargo is not intended to be carried in bulk.

SECTION 15: Regulatory information

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

1272/2008/EC of the Regulation of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and Regulation (EC) No 1907/2006. 2.

2018/669/UE Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures Text with EEA relevance. 3. 790/2009/EC of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. 4. 2008/98/EC Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives 5. 94/62/EC Commission Directive 2013/2/EU of 7 February 2013; amending Annex I to Directive 94/62/EC of the European Parliament and of the Council on packaging and packaging waste 6. 2015/830/EU Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) 15.2 Chemical safety assessment The supplier has not assessed chemical safety It is not required for the mixture.

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Europox TQ A COMP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

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). Safety Data Sheet made by: mgr Małgorzata Krenke; Feed Reach Consulting” www.frc.com.pl
Disclaimer The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field Classification according to Regulation (EC) No 1272/2008 Skin Sens. 1 H317 calculation method Aquatic Chronic 2 H411 calculation method Skin Irrit. 2 H315 calculation method Eye Irrit 2 H319 calculation method H (hazard) phrases specified in point 2 and 3 hereof: H315 Causes skin irritation. Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2 H319 Causes serious eye irritation. Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

H302 Harmful if swallowed Acute Tox 4 Acute toxicity (oral), Hazard Category 4 H332 Harmful if inhaled Acute Tox4 Acute toxicity (inhal.), Hazard Category 4 H317 May cause an allergic skin reaction Skin Sens. 1 Sensitisation — Skin, hazard category 1, 1A, 1B H411 Toxic to aquatic life with long lasting effects Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2 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)