
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: EcoChemPro XL Cleaner Degreaser Concentrate
- Contains: D-Glucopyranose, oligomers, decyl octyl glycosides; Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides; Alcohols, C6-12, ethoxylated propoxylated.

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

- Use of the substance/mixture: Cleaning agent; Degreasing agent; For professional use only.
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: EcoChemPro (UK) Limited
- Address of Supplier: Unit 2, AG Business Estate
Lowman Way
Hilton
Derbyshire
DE65 5UA
UK
- Telephone: 0800 254 5077
- Email: info@ecochempro.com
- Website: www.ecochempro.com

1.4 Emergency telephone number

- Emergency Telephone: 0800 254 5077

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Eye Dam. 1, H318; Aquatic Chronic 3, H412
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



- Signal Word: Danger
- Hazard statements
 - H318 - Causes serious eye damage.
 - H412 - Harmful to aquatic life with long lasting effects.
- Precautionary statements
 - P273 - Avoid release to the environment.
 - P280 - Wear eye/face protection
 - P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 - P501 - Dispose of contents/container to an authorised waste collection point in accordance with local/regional/national/international regulations.

Revision: 1st Sept 2022

SECTION 2: Hazards identification (....)

- Supplemental Hazard information (EU)
None

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII
- Does not contain any substances with endocrine disrupting properties

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

- Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	SCL/ M-Factor/ ATE	REACH Registration Number	WEL/ OEL
D-Glucopyranose, oligomers, decyl octyl glycosides	1 - 3%	68515-73-1	500-220-1	Eye Dam. 1, H318	-	01-2119488530-36-XXXX	No
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	1 - < 2.5%	308062-28-4, 1643-20-5, 308062-30-8 (related CAS numbers)	931-292-6	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M = 1	01-2119490061-47-XXXX	No
Alcohols, C6-12, ethoxylated propoxylated	1 - 2%	68937-66-6	614-825-4	Eye Dam. 1, H318	-	-	No
3-butoxypropan-2-ol	1 - 2%	5131-66-8	225-878-4	Skin Irrit. 2, H315 Eye Irrit. 2, H319	-	01-2119475527-28-XXXX	No
Glutaral; glutaraldehyde; 1,5-pentanedial	< 0.01%	111-30-8	203-856-5	Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Acute Tox. 2, H330 Resp Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 EUH071	STOT SE 3 H335: 0.5 % ≤ C < 5 % M = 1	01-2119455549-26-XXXX	Yes

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
If substance has got into eyes, immediately wash out with plenty of water for several minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
Irrigate eyes thoroughly whilst lifting eyelids
Get immediate medical advice/attention.
- Contact with skin
Wash affected area with plenty of soap and water
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion
Rinse mouth with water (do not swallow)

Revision: 1st Sept 2022

SECTION 4: First aid measures (....)

Do NOT induce vomiting.
Never make an unconscious person vomit or drink fluids
Get medical advice/attention if you feel unwell.

- Inhalation
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or concerned: Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
Causes redness and swelling
May cause severe damage with formation of corneal ulcers and permanent impairment of vision.
- Contact with skin
May cause redness and irritation
- Ingestion
The ingestion of significant quantities may cause nausea/vomiting
The ingestion of significant quantities may cause diarrhoea
- Inhalation
In cases of severe exposure, irritation of the respiratory tract may develop

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: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include carbon oxides

5.3 Advice for firefighters

- In case of fire: Stop leak if safe to do so.
- Keep container(s) exposed to fire cool, by spraying with water
- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Rescuers should take suitable precautions to avoid becoming casualties themselves
- Only trained and authorised personnel should carry out emergency response
- Personal precautions for non-emergency personnel: Do not touch or walk through spilt material; Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wear protective clothing as per section 8; Wash thoroughly after dealing with spillage
- Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA)

Revision: 1st Sept 2022

SECTION 6: Accidental release measures (....)

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.
- Small spills
 - Wipe up spillage with damp absorbent cloth or towel
 - Wash affected area with plenty of water
- Large spills
 - Contain the spillage using bunding
 - Absorb spillage in inert material and shovel up
 - Place in appropriate container
 - Seal containers and label them
 - Remove contaminated material to safe location for subsequent disposal
 - Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- See section(s): 7, 8 & 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid breathing vapours, mist or gas
- Do not get in eyes, on skin, or on clothing.
- Wear goggles giving complete eye protection
- Wear protective clothing as per section 8
- Contaminated clothing should be laundered before reuse
- Do not eat, drink or smoke when using this product.
- Keep away from oxidisers, heat, flames or ignition sources
- Ensure eyewash stations and safety showers are nearby

7.2 Conditions for safe storage, including any incompatibilities

- Store in a cool, dry well-ventilated place. Keep container tightly closed.
- Keep only in original packaging.
- Keep out of reach of children
- Keep away from food, drink and animal feedingstuffs
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible with strong acids
- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

7.3 Specific end use(s)

- Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Revision: 1st Sept 2022

SECTION 8: Exposure controls/personal protection (....)

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- D-Glucopyranose, oligomers, decyl octyl glycosides
DNEL (inhalational) 420 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 595 000 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 124 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 357 000 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 35.7 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 176 µg/L
PNEC aqua (intermittent releases, freshwater) 270 µg/L
PNEC aqua (marine water) 17.6 µg/L
PNEC aqua (freshwater) 560 mg/L
PNEC sediment (freshwater) 1.516 mg/kg
PNEC sediment (marine water) 152 µg/kg
PNEC terrestrial (soil) 654 µg/kg
PNEC secondary poisoning (food) 111.11 mg/kg
- Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides
DNEL (inhalational) 6.2 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 11 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 1.53 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 5.5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 440 µg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 33.5 µg/L
PNEC aqua (intermittent releases, freshwater) 33.5 µg/L
PNEC aqua (marine water) 3.35 µg/L
PNEC (STP) 24 mg/L
PNEC sediment (freshwater) 5.24 mg/kg
PNEC sediment (marine water) 524 µg/kg
PNEC terrestrial (soil) 1.02 mg/kg
PNEC secondary poisoning (food) 11.1 mg/kg
- Alcohols, C6-12, ethoxylated propoxylated
No exposure limits have been set for this substance
- 3-butoxypropan-2-ol
DNEL (inhalational) 147 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 52 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 43 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 22 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 12.5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 525 µg/L
PNEC aqua (intermittent releases, freshwater) 5.25 mg/L
PNEC aqua (marine water) 52.5 µg/L
PNEC (STP) 10 mg/L
PNEC sediment (freshwater) 2.36 mg/kg
PNEC sediment (marine water) 236 µg/kg
PNEC terrestrial (soil) 160 µg/kg
- Glutaral; glutaraldehyde; 1,5-pentanedial
WEL (long term) 0.05 ppm 0.2 mg/m³ (UK, sen. (capable of causing occupational asthma))

SECTION 8: Exposure controls/personal protection (....)

WEL (short term) 0.05 ppm 0.2 mg/m³ (UK, sen. (capable of causing occupational asthma))
DNEL (inhalational) 210 µg/m³ Industry, Long Term, Local Effects
DNEL (inhalational) 420 µg/m³ Industry, Acute/Short Term, Local Effects
DNEL (dermal) 6.25 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (oral) 70 µg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 2.5 µg/L
PNEC aqua (intermittent releases, freshwater) 6 µg/L
PNEC aqua (marine water) 250 ng/L
PNEC (STP) 800 µg/L
PNEC sediment (freshwater) 91 µg/kg
PNEC sediment (marine water) 9 µg/kg
PNEC terrestrial (soil) 210 µg/kg

8.2 Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
 - Ensure adequate ventilation
 - Use local exhaust ventilation and/or enclosures.
- Respiratory protection
 - No respiratory protection is needed during normal handling
 - In case of insufficient ventilation, wear suitable respiratory equipment
- Skin protection
 - Wear suitable protective clothing
 - Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
 - The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.
 - Butyl rubber or nitrile rubber are recommended
- Eye/face protection
 - Wear goggles giving complete eye protection approved to standard EN 166.
 - If risk of splashing, wear face-shield approved to standard EN 166 1B39N
- Hygiene measures
 - Use good personal hygiene practices
 - Wash thoroughly after handling.
 - Contaminated clothing should be laundered before reuse
 - Ensure eyewash stations and safety showers are nearby
- Environmental exposure controls
 - Do not allow to enter public sewers and watercourses
 - Do not allow to penetrate the ground/soil.



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Clear and colourless
- Odour: No information available
- Melting point/freezing point: No information available
- Boiling point or initial boiling point and boiling range: No information available

Revision: 1st Sept 2022

SECTION 9: Physical and chemical properties (....)

- Flammability: Not flammable
- Lower and upper explosion limit: Not applicable
- Flash point: Not applicable
- Auto-ignition temperature: No information available
- Decomposition temperature: No information available
- pH: 7.2 (as supplied)
- Kinematic viscosity: No information available
- Solubility: Soluble in water
- Partition coefficient n-octanol/water (log value): No information available
- Vapour pressure: No information available
- Density and/or relative density: 0.996 - 1.010 g/cm³ (20 °C)
- Relative vapour density: No information available
- Particle characteristics: Not applicable

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Hazardous polymerisation will not occur under normal conditions of storage and use

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Avoid extremes of temperature

10.5 Incompatible materials

- Incompatible with strong acids
- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- Acute Toxicity
Based on the available data, the classification criteria are not met

Substances

Chemical Name	LD ₅₀ (oral, rat)	LC ₅₀ (inhalation, rat)	LD ₅₀ (dermal, rabbit)
D-Glucopyranose, oligomers, decyl octyl glycosides	2 000 mg/kg	No data available	2 000 mg/kg

Revision: 1st Sept 2022

SECTION 11: Toxicological information (....)

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	1 064 - 3 800 mg/kg	No data available	2 000 mg/kg (rat)
Alcohols, C6-12, ethoxylated propoxylated	No data available	> 8 mg/L	No data available
3-butoxypropan-2-ol	2 000 - 5 500 mg/kg	LC ₅₀ (4 h) 651 ppm	2 000 mg/kg (rat)
Glutaral; glutaraldehyde; 1,5-pentanedial	154 - 246 mg/kg	(4 h) 280 - 390 mg/m ³	2 000 mg/kg

- Skin corrosion/irritation
Based on available data, the classification criteria are not met
- Serious eye damage/irritation
Causes serious eye damage
Classification based on calculation and concentration thresholds
- Respiratory or skin sensitisation
Based on available data, the classification criteria are not met
- Germ cell mutagenicity
No evidence of mutagenic effects
- Carcinogenicity
No evidence of carcinogenic effects
- Reproductive toxicity
No evidence of reproductive effects

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	37 mg/kg bw/day (Effect on fertility) 25 mg/kg bw/day (Effect on developmental toxicity)	No data available	No data available
3-butoxypropan-2-ol	1 000 mg/kg bw/day (Effect on fertility)	3 686 mg/m ³ (Effect on fertility)	880 mg/kg bw/day (Effect on developmental toxicity)

- Specific target organ toxicity (STOT) - single exposure
Based on the available data, the classification criteria are not met
- Specific target organ toxicity (STOT) - repeated exposure
Based on the available data, the classification criteria are not met

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
D-Glucopyranose, oligomers, decyl octyl glycosides	100 mg/kg bw/day	No data available	No data available
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	88 mg/kg bw/day	No data available	LOAEL 45 µg/cm ² (mouse)
Alcohols, C6-12, ethoxylated propoxylated	No data available	No data available	No data available
3-butoxypropan-2-ol	350 mg/kg bw/day	3 244 mg/m ³	880 mg/kg bw/day
Glutaral; glutaraldehyde; 1,5-pentanedial	15 mg/kg bw/day	(mouse) 250 - 500 µg/m ³	150 mg/kg bw/day

Revision: 1st Sept 2022

SECTION 11: Toxicological information (....)

- Aspiration hazard
Based on the available data, the classification criteria are not met
- Contact with eyes
Causes redness and swelling
May cause severe damage with formation of corneal ulcers and permanent impairment of vision.
- Contact with skin
May cause redness and irritation
- Ingestion
The ingestion of significant quantities may cause nausea/vomiting
The ingestion of significant quantities may cause diarrhoea
- Inhalation
In cases of severe exposure, irritation of the respiratory tract may develop

11.2 Information on other hazards

- Does not contain any substances with endocrine disrupting properties

SECTION 12: Ecological information

12.1 Toxicity

- Harmful to aquatic life with long lasting effects.
- Classification based on calculation and concentration thresholds

Substances

Chemical Name	LC ₅₀ (fish)	EC ₅₀ (aquatic invertebrates)	EC ₅₀ (aquatic algae)
D-Glucopyranose, oligomers, decyl octyl glycosides	(4 days) 100.81 - 170 mg/L	(48 h) 100 mg/L	(72 h) 27.22 - 37 mg/L
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	(4 days) 2.67 - 3.46 mg/L	(48 h) 3.1 - 10.4 mg/L	(72 h) 205 - 266 µg/L
Alcohols, C6-12, ethoxylated propoxylated	(4 days) 1 - 10 mg/L	(48 h) 1.45 - 1.79 mg/L	No data available
3-butoxypropan-2-ol	(4 days) 560 - 1 000 mg/L	(48 h) 1 g/L	(4 days) 1 g/L
Glutaral; glutaraldehyde; 1,5-pentanedial	(4 days) 800 - 39 000 µg/L	(48 h) 2.1 - 29.73 mg/L	(72 h) 375 - 1 200 µg/L

12.2 Persistence and degradability

- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

- Bioaccumulation is not expected

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

SECTION 12: Ecological information (....)

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Do not discharge untreated concentrate into drains
- Disposal should be in accordance with local, state or national legislation
- This material and/or its container must be disposed of as hazardous waste
- Do not reuse empty containers without commercial cleaning or reconditioning

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
- Hazardous Property Code(s): HP 4 Irritant; HP 14 Ecotoxic

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not classified as hazardous for transport

14.6 Special precautions for user

- No information available

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable

Revision: 1st Sept 2022

SECTION 14: Transport information (...)

- ICAO UN No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

SECTION 15: Regulatory information

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

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain
- Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): Not required as not for sale to the general public

15.2 Chemical safety assessment

- A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Sources of data: Information from supplier safety data sheets and ECHA databases

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

- Eye Dam. 1, H318: Classification based on calculation and concentration thresholds
- Aquatic Chronic 3, H412: Classification based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- EUH071: Corrosive to the respiratory tract
- H301: Toxic if swallowed
- H302: Harmful if swallowed
- H314: Causes severe skin burns and eye damage
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.
- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335: May cause respiratory irritation
- H400: Very toxic to aquatic life
- H411: Toxic to aquatic life with long lasting effects

Acronyms

- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC₅₀: Effective Concentration, 50%

SECTION 16: Other information (....)

- GHS: Globally Harmonised System
- LC₅₀: Lethal Concentration, 50%
- LD₅₀: Lethal Dose, 50%
- LOAEL: Lowest Observed Adverse Effect Level
- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---
