

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 15.12.2023

Version: 1.00

Revision: 11.07.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX XTREME FoamInvasion Shampoo LimitedEdition**Article number:**

02483410

UFI: UAF5-80W6-M004-9KQG

02483410

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

Car care product

Detergents

Consumer uses: Private households / general public / consumers

Professional uses

Uses advised against There is currently no information available on this.**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

SONAX GmbH

Münchener Straße 75

D-86633 Neuburg (Donau)

Tel.: ++49 (0)8431/53-0

Further information obtainable from:

Product safety

E-mail: erp@sonax.de

Phone: + +49 (0) 8431 53 217

United Kingdom:

Anglo American Oil Company Ltd

58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT

Telephone: (+44) 01929 551557

Email: info@aaoil.co.uk**1.4 Emergency telephone number:****European Union:** +49 (0) 89 19240 (Poison Centre Munich)**United Kingdom:** 0344 892 0111 (UK NPIS)

Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111

In Northern Ireland, contact your local GP

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms

GHS07

Signal word Warning**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

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

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P337+P313 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

Determination of endocrine-disrupting properties

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Aqueous tenside solution.

Dangerous components:

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-xxxx	alcohols, C12-14, ethoxylated, sulfates, sodium salts ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	5-<10%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-xxxx	2-(2-butoxyethoxy)ethanol ☠ Eye Irrit. 2, H319	1-<3%
CAS: 308062-28-4 EC No 931-292-6 Reg.nr.: 01-2119490061-47-xxxx	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Alternative CAS number: 70592-80-2 ☠ Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 2, H411; ☠ Skin Irrit. 2, H315	<0.25%
CAS: 3811-73-2 EINECS: 223-296-5 Reg.nr.: 01-2119493385-28-xxxx	pyridine-2-thiol 1-oxide, sodium salt ☠ Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ STOT RE 1, H372; ☠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH070	<0.1%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants	≥5 - <15%
phenoxyethanol, perfumes (COUMARIN, HEXYL CINNAMAL), sodium pyrithione	

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: No special measures required

After skin contact: Wash the areas of skin affected with water and a mild detergent.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Rinse out mouth and then drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed Eye irritation**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
For non-emergency personnel

The usual precautionary measures are to be adhered to when handling chemicals.

For emergency responders Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe local/state/federal regulations.

Further information about storage conditions:

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

WEL (Great Britain)	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm
IOELV (EU)	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm
OEL (Ireland)	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm IOELV

Regulatory information

WEL (Great Britain): EH40/2020

IOELV (EU): (EU) 2019/1831

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

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DNELs
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

Oral	DNEL	15 mg/kg (VL)
Dermal	DNEL	1,650 mg/kg (VL)
		2,750 mg/kg (worker long-term)
Inhalative	DNEL	52 mg/m ³ (VL)
	DNEL	175 mg/m ³ (worker long-term)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	DNEL	5 mg/kg bw/day (consumer) (chronic systemic effect)
Dermal	DNEL	83 mg/bw/day (worker) (chronic systemic effect)
	DNEL	50 mg/kg bw/day (consumer) (chronic systemic effect)
Inhalative	DNEL	67.5 mg/m ³ (worker) (chronic systemic effect)
	DNEL	67.5 mg/m ³ (worker) (chronic locale effects)
	DNEL	40.5 mg/m ³ (consumer) (chronic systemic effect)
	DNEL	40.5 mg/m ³ (consumer) (chronic locale effects)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	DNEL	0.44 mg/kg bw/day (consumer) (acute systematic effects)
Dermal	DNEL	5.5 mg/kg bw/day (consumer) (longterm systematic effects)
		11 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	3.8 mg/m ³ (consumer) (longterm systematic effects)
		15.5 mg/m ³ (worker) (longterm systematic effects)

PNECs
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

PNEC	10,000 mg/l (sewage plant)
	0.24 mg/l (water (fresh water))
	0.024 mg/l (water (sea water))
PNEC	7.5 mg/kg (gro)
	0.9168 mg/kg (sediment (fresh water))
	0.09168 mg/kg (sediment (sea water))

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

PNEC	200 mg/l (STP)
	11 mg/l (water)
	1.1 mg/l (water (fresh water))
	0.11 mg/l (water (sea water))
PNEC	4.4 mg/kg (sediment (fresh water))
	0.44 mg/kg (sediment (sea water))
	0.32 mg/kg (soil)
	56 mg/kg (water)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	PNEC	11.1 mg/kg (food)
	PNEC	24 mg/l (sewage plant)
PNEC		335 mg/l (water (intermittent release))
		0.0335 mg/l (water (fresh water))
		0.00335 mg/l (water (sea water))
		5.24 mg/kg (sediment (fresh water))
		0.524 mg/kg (sediment (sea water))
		1.02 mg/kg (soil)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Appropriate engineering controls No further data; see section 7.

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Individual protection measures, such as personal protective equipment**General protective and hygienic measures:** Wash hands before breaks and at the end of work.**Respiratory protection:** Not required in normal cases**Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Goggles recommended during refilling

[EN 166]

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Physical state**

Fluid

Colour:

türkis

Odour:

Fruit-like

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

100 °C (CAS: 7732-18-5 water)

Flammability

Not applicable.

Lower and upper explosion limit**Lower:**

Not applicable

Upper:

Not applicable

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH at 20 °C

6.5-7.5

Viscosity:**Kinematic viscosity at 40 °C**<20.5 mm²/s**Dynamic:**

Not determined.

Solubility**water:**

Fully miscible.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure at 20 °C:

23 hPa (CAS: 7732-18-5 water)

Density and/or relative density**Density at 20 °C:**1.02-1.03 g/cm³**Relative density**

Not determined.

Vapour density

Not determined.

9.2 Other information**Appearance:****Form:**

Fluid

Important information on protection of health and environment, and on safety.**Ignition temperature:**

Product is not selfigniting.

Explosive properties:

Product does not present an explosion hazard.

Change in condition**Evaporation rate**

Not determined.

Information with regard to physical hazard classes**Explosives**

Void

Flammable gases

Void

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Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid See Section 7 for information on safe handling.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD 50	>5,000 mg/kg (rat)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	2,410 mg/kg (mouse) (ECHA)
Dermal	LD50	2,764 mg/kg (rabbit) (ECHA)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	LD50	1,064 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat)
	LC50 / 96 h	2.67 mg/l (Pimephales promelas)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye irritation.

Values relevant for classification:

68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO):

Specific concentration limits [SCL] (ECHA)

≥ 5.0% < 10.0% Eye Irrit. 2 | ≥ 10.0% Eye Damage 1

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

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STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Additional toxicological information:**Repeated dose toxicity****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

Oral	NOAEL	250 mg/kg (rat) (ECHA)
Inhalative	NOAEC	0.094 mg/m ³ (Ratte) (OECD 413)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	NOAEL 90 d	2,000 mg/kg (rat) (OECD 451)
	NOAEL	2,000 mg/kg (rat) (OECD 451)
		88 mg/kg (rabbit) (OECD 408)
		25 mg/kg (Ratte)

11.2 Information on other hazards**Endocrine disrupting properties**

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

Aquatic toxicity:**CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

LC 50	>10-100 mg/l (Leuciscus idus)
EC0	>100 mg/l (Pseudomonas putida)
EC50	>100 mg/l (Scenedesmus subspicatus)
NOEC	>10-100 mg/l (Daphnia magna)
	>1-10 mg/l (Leuciscus idus)
	>0.1-1 mg/l (Daphnia magna)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

LC50 / 96h	1,300 mg/l (Lepomis macrochirus) (OECD 203)
EC50 / 48h	>100 mg/l (Daphnia magna) (ECHA)
ErC50	1,101 mg/l (Pseudokirchneriella subcapitata) (ECHA)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

NOEC 302 d	0.42 mg/l (Pimephales promelas)
EC10 / 18h	24 mg/l (Pseudomonas putida)
EC50 / 48h	3.1 mg/l (Daphnia magna)
EC50 / 72h	0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC / 21 d	0.7 mg/l (Daphnia magna) (OECD 211)
NOEC / 28d	0.067 mg/l (algae)

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

LC50 / 96h	0.00767 mg/l (Zebraabärbling)
EC 20 / 3h	0.48 mg/l (KS) (OECD 209)
EC50/3h	1.81 mg/l (KS) (OECD 209)
EC50 / 48h	0.022 mg/l (daphnia)
EC50 / 72h	0.46 mg/l (Selenastrum capricornutum)
NOEC / 72 h	0.08 mg/l (Selenastrum capricornutum) (OECD 201)

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12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detergent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Biodegradation | 90 %

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

Biodegradation | >70 % (activated sludge) (OECD 301 B)

12.3 Bioaccumulative potential

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

log POW | 2.7

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

log Kow | <-1.09 ((n-Octanol/Wasser) OECD 107)

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB

12.6 Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

12.7 Other adverse effects

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Not classified as hazardous waste according to Annex III to Directive 2008/98/EC.

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste must be disposed of while observing the local, official regulations.

European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging

20 01 30	detergents other than those mentioned in 20 01 29
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15 01 02	plastic packaging
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Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA | Void

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA | Void

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14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA Class

Void

14.4 Packing group

ADR/RID/ADN, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information

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

European Directives:

Directive 2010/75/EU (VOC) not subject to

Catégorie SEVESO (DIRECTIVE 2012/18/EU) not subject to

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH070 Toxic by eye contact.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Abbreviations and acronyms:

NOEL = No Observed Effect Level

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*NOEC = No Observed Effect Concentration**LC = letal Concentration**EC50 = half maximal effective concentration**log POW = Octanol / water partition coefficient**GHS: Globally Harmonized System of Classification and Labelling of Chemicals**ATE: acute toxicity estimate**ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**DNEL: Derived No-Effect Level (UK REACH)**PNEC: Predicted No-Effect Concentration (UK REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**IOELV = indicative occupational exposure limit values**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 3: Acute toxicity – Category 3**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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