

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

Printing date 15.12.2023

Version: 5.00 (replaces version 4.00)

Revision: 23.12.2022

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

### 1.1 Product identifier

**Trade name:** SONAX Beast Wheel cleaner

**Article number:**

04331000, 04333000, 04335000

**UFI:** SN25-F016-X00U-A5FQ

### 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](mailto: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](mailto: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**

Skin Sens. 1 H317 May cause an allergic skin reaction.

### 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-determining components of labelling:**

Sodium mercaptoacetate

**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

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

P102 Keep out of reach of children.

P261 Avoid breathing spray.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

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P333+P313 If skin irritation or rash occurs: 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 with additives**Dangerous components:**

CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx	sodium mercaptoacetate solution (46%) ⚠ Acute Tox. 4, H302; Skin Sens. 1B, H317	15-<20%
CAS: 147170-44-3 EC No 931-333-8 Reg.nr.: 01-2119489410-39-xxxx	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0 ⚠ Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 %	1-<4%
CAS: 37971-36-1 EINECS: 253-733-5	2-phosphonobutane-1,2,4-tricarboxylic acid ⚠ Met. Corr. 1, H290; ⚠ Eye Irrit. 2, H319	1-<3%

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

amphoteric surfactants, non-ionic surfactants, phosphonates	<5%
perfumes	

**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****General information:** Remove soiled clothing**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

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

If symptoms persist consult doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Induce vomiting only, if affected person is fully conscious.

Call a doctor immediately.

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

sensitization

Allergic reactions

**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.

##### Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation

Avoid contact with the eyes and skin.

##### 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.

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).

Dispose contaminated material as waste according to section 13.

#### 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** Use only in well ventilated areas.

**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 oxidising agents.

Store away from foodstuffs.

Observe local/state/federal regulations.

##### Further information about storage conditions:

Store receptacle in a well ventilated area.

Protect from frost.

Protect from heat and direct sunlight.

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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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### DNELs

#### CAS: 367-51-1 sodium mercaptoacetate solution (46%)

Dermal	DNEL	2.06 mg/kg (wls)
Inhalative	DNEL	1.41 mg/kg (wls)

#### CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

Oral	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
		12.5 mg/kg (worker) (longterm systematic effects)
Inhalative	DNEL	44 mg/m <sup>3</sup> (worker) (longterm systematic effects)

#### CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid

Oral	DNEL	2.1 mg/kg bw/day (worker) (longterm systematic effects)
	DNEL	65 mg/kg bw/day (consumer) (short-term systematic effects)
Dermal	DNEL	40 mg/bw/day (consumer) (short-term systematic effects)
	DNEL	80 mg/bw/day (worker) (short-term systematic effects)
Inhalative	DNEL	2.1 mg/kg bw/day (consumer) (longterm systematic effects)
	DNEL	4.5 mg/kg bw/day (worker) (longterm systematic effects)
	DNEL	3.7 mg/kg (consumer) (longterm systematic effects)
	DNEL	79 mg/kg (consumer) (short-term systematic effects)
	DNEL	15 mg/m <sup>3</sup> (worker) (longterm systematic effects)
	DNEL	158 mg/m <sup>3</sup> (worker) (short-term systematic effects)

### PNECs

#### CAS: 367-51-1 sodium mercaptoacetate solution (46%)

PNEC	0.038 mg/l (freshwater (Süßwasser))
	0.0038 mg/l (water (sea water))

#### CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

PNEC	3,000 mg/l (STP)
	0.0135 mg/l (water (fresh water))
	0.00135 mg/l (water (sea water))
PNEC	1 mg/kg (sediment (fresh water))
	0.1 mg/kg (sediment (sea water))
	0.8 mg/kg (soil)

#### CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid

Oral	PNEC	90 mg/kg food (Secondary poisoning)
	PNEC	50.4 mg/l (sewage plant)
PNEC		10.42 mg/l (water (intermittent release))
		3.33 mg/l (water (fresh water))
		0.33 mg/l (water (sea water))
		1.47 mg/kg (sediment (fresh water))
		0.49 mg/kg (soil)

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

### 8.2 Exposure controls

#### Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

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

##### General protective and hygienic measures:

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

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

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**Respiratory protection:**

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Hand protection** Protective gloves**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

[EN 374]

**Penetration time of glove material**Value for the permeation: Level 6 ( $\geq 480$ min)

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection** Not required in normal cases**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Physical state**

Fluid

**Colour:**

colourless - light red

**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**

Product is not flammable.

**Lower and upper explosion limit****Lower:**

Not determined.

**Upper:**

Not determined.

**Flash point:**

Not applicable.

**Auto-ignition temperature:**

Not determined.

**Decomposition temperature:**

Not determined.

**pH at 20 °C**

5-5.3

**Viscosity:****Kinematic viscosity at 40 °C**<20.5 mm<sup>2</sup>/s**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:**1.06-1.07 g/cm<sup>3</sup>**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

**Aerosols**

Void

**Oxidising gases**

Void

**Gases under pressure**

Void

**Flammable liquids**

Void

**Flammable solids**

Void

**Self-reactive substances and mixtures**

Void

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<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Not corrosive to metals in line with 37.4 UN RTDG, handbook on test methods and criteria.
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No dangerous reactions known.

**10.2 Chemical stability** Stable under normal conditions.

**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:** strong oxidizing agents

**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:**

Oral	ATE	>2,000 mg/kg (Additivity formula)
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Dermal	ATE	>5,000 mg/kg (Additivity formula)
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**CAS: 367-51-1 sodium mercaptoacetate solution (46%)**

Oral	LD50	>300 mg/kg (rat) (OECD 423 (Conc. 46%))
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Dermal	LD50	1,000-2,000 mg/kg (rat) (OECD 402 (Conc. 98%))
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**CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts**

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
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Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
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**CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid**

Dermal	LD50	>4,000 mg/kg (rat)
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**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**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.

**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: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid**

Oral	NOAEL 90 d	424 mg/kg (rat) (OECD 408, 90d, target organ: liver)
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	632 mg/kg (Ratte) (OECD 408, 90d, target organ: liver)
NOEC / 14 d	>1,042 mg/kg (Danio rerio) (OECD 204)

**Values relevant for classification:****CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid**

Oral NOAEL 1,000 mg/kg/day (rat) (OECD 414)

**11.2 Information on other hazards****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.

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: 367-51-1 sodium mercaptoacetate solution (46%)**

LC50 / 96h &gt;100 mg/l (Oncorhynchus mykiss) (OECD 203 (Subs. thioglycolic acid))

LC50 / 48h 880 mg/l (Leuciscus idus) (DIN 38412 / 15 (Subs. thioglycolic acid))

EC50 / 48h 38 mg/l (Daphnia magna) (84/449/EWG (Subs. thioglycolic acid))

EC50 / 72h 13 mg/l (Pseudokirchneriella subcapitata) (OECD 201 (Subs. thioglycolic acid))

**CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts**

LC 50 &gt;1-10 mg/l (Pimephales promelas) (OECD 203)

EC0 &gt;100 mg/l (Pseudomonas putida) (OECD 209)

EC50 &gt;1-10 mg/l (Daphnia magna) (OECD 202)

&gt;1-10 mg/l (Desmodesmus subspicatus) (OECD 201)

NOEC ≤1 mg/l (Oncorhynchus mykiss) (OECD210)

≤1 mg/l (Daphnia magna) (OECD 211)

**CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid**

NOEC/NOEL 1,000 mg/l (rat)

**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: 367-51-1 sodium mercaptoacetate solution (46%)**

Biodegradation 67 % (28d OECD 301d (thioglycolic acid))

**CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid**

Biodegradation 0 % (activated sludge) (OECD301E/92/69/EWG, C4.-B)

30-40 % (sludge) (OECD 302 A)

**12.3 Bioaccumulative potential****CAS: 367-51-1 sodium mercaptoacetate solution (46%)**

log POW &gt;2.99 (20°C OECD 107 (thioglycolic acid))

**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.

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### 12.7 Other adverse effects

#### Additional ecological information:

#### General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

**Recommendation** 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
15 01 02	plastic packaging

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR/RID/ADN IMDG, IATA	Void Void
<b>14.3 Transport hazard class(es)</b> ADR/RID/ADN, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b> Marine pollutant:	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	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

<b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b>
None of the ingredients is listed.
<b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>
None of the ingredients is listed.

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**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**

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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

Skin sensitisation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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Date of previous version: 22.08.2022

Version number of previous version: 4.00

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal 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

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity – Category 4

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

Skin Sens. 1B: Skin sensitisation – Category 1B

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**