

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX XTREME WheelCleaner PLUS**Article number:**02301000,
02302000-230, 02302000-280,
02302090,
02302410,
02304000, 02304000-205, 02304000-280,
02305050,
02309410,
02313000**UFI:** DUT3-P01S-H004-AV2J**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC35 Washing and cleaning products (including solvent based products)**Application of the substance / the mixture** Car care product**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

1.4 Emergency telephone number: Emergency Phone Munich Tel.: +49 (0)89 19240**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Acute Tox. 4 H302 Harmful if swallowed.

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 CLP regulation.

Hazard pictograms

GHS07

Signal word Warning**Hazard-determining components of labelling:**

Sodium mercaptoacetate

Hazard statements

H302 Harmful if swallowed.

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.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 1)

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: Not applicable.

vPvB: Not applicable.

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 | 25-<50% |
| 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-<3% |
| 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, phosphonates, non-ionic surfactants | | <5% |
| perfumes, limonene | | |

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

Headache

Dizziness

Drowsiness

Gastric or intestinal disorders

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.

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.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 2)

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

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 item 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.

Do not store together with alkalis (caustic solutions).

Do not store together with acids.

Store away from foodstuffs.

Further information about storage conditions:

Store receptacle in a well ventilated area.

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:**

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

DNELs**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 ³ (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) |
|------|------|---|

(Contd. on page 4)

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 3)

| | | |
|------------|------|--|
| Dermal | DNEL | 65 mg/kg bw/day (consumer) (short-term systematic effects) |
| | DNEL | 40 mg/bw/day (consumer) (short-term systematic effects) |
| | | 80 mg/bw/day (worker) (short-term systematic effects) |
| | DNEL | 2.1 mg/kg bw/day (consumer) (longterm systematic effects) |
| Inhalative | | 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 ³ (worker) (longterm systematic effects) |
| | DNEL | 158 mg/m ³ (worker) (short-term systematic effects) |

PNECs

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)) |
| | PNEC | 0.49 mg/kg (soil) |

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

8.2 Exposure controls

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.

Respiratory protection:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

Protection of hands: Protective gloves

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

[EN 374]

Penetration time of glove material

Value for the permeation: Level 4 (<240min)

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 protection:

Goggles recommended during refilling

[EN 166]

GB

(Contd. on page 5)

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 4)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|------------------|------------------------|
| Form: | Fluid |
| Colour: | colourless - light red |
| Odour: | Sulphidic |
| Odour threshold: | Not determined. |

pH-value at 20 °C: 5.1 - 5.3

Change in condition

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: 100 °C (CAS: 7732-18-5 water)

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.
Upper: Not determined.

Vapour pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water)

Density at 20 °C: 1.10 - 1.12 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C: 18 - 22 s (DIN EN ISO 2431/4mm)

9.2 Other information: No further relevant information available.

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:

In case of fire, the following can be released:

Nitrogen oxides
Sulphur dioxide
Sulphuric acid
Phosphorus oxides (e.g. P2O5)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed.

(Contd. on page 6)

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 5)

LD/LC50 values relevant for classification:

| | | |
|--------|-----|--|
| Oral | ATE | 1,000-2,000 mg/kg (Additivity formula) |
| Dermal | ATE | >5,000 mg/kg (Additivity formula) |

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

| | | |
|--------|------|--|
| Oral | LD50 | 200-500 mg/kg (rat) (OECD 423 (Conc. 46%)) |
| Dermal | LD50 | 1,000-2,000 mg/kg (rat) (OECD 402 (Conc. 98%)) |

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) |
| Dermal | LD50 | >2,000 mg/kg (rat) (OECD 402) |

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

| | | |
|--------|------|--------------------|
| Dermal | LD50 | >4,000 mg/kg (rat) |
|--------|------|--------------------|

Primary irritant effect:

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.

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to reproduction.

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) |
|------|-------|----------------------------------|

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.

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 | >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 | >1-10 mg/l (Pimephales promelas) (OECD 203) |
| EC0 | >100 mg/l (Pseudomonas putida) (OECD 209) |
| EC50 | >1-10 mg/l (Daphnia magna) (OECD 202) |

(Contd. on page 7)

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 6)

| | |
|---|---|
| NOEC | >1-10 mg/l (<i>Desmodesmus subspicatus</i>) (OECD 201) ≤1 mg/l (<i>Oncorhynchus mykiss</i>) (OECD210) ≤1 mg/l (<i>Daphnia magna</i>) (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.

12.3 Bioaccumulative potential

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

log POW ≤2.99 log POW (20°C OECD 107 (thioglycolic acid))

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

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

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste classified as hazardous 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 29* detergents containing hazardous substances

15 01 10* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicable.

UN "Model Regulation":

Void

GB

(Contd. on page 8)

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

Printing date 13.11.2020

Version: 9.00

Revision: 16.09.2020

Trade name: SONAX XTREME WheelCleaner PLUS

(Contd. of page 7)

SECTION 15: Regulatory information

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

European Directives:

EC/1907/2006 (REACH)

EC/1272/2008 (CLP)

EC/648/2004

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.

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

| | |
|-----------------------|--|
| Acute toxicity - oral | The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. |
| Skin sensitisation | |

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 européen sur le transport 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 (REACH)

PNEC: Predicted No-Effect Concentration (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 - oral – 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

Version history and indication of changes: Replaces version 8.00.

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