

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

Printing date 11.12.2019

Version: 1.00

Revision: 14.09.2017

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** SONAX Petrol Pump & Nozzle Holder Cleaner**Article number:** 04662410, 04664000**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use**

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** Cleaning material/ Detergent**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

**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**

Met. Corr.1 H290 May be corrosive to metals.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

**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**

GHS05

**Signal word** Danger**Hazard statements**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

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

P102 Keep out of reach of children.

P260 Do not breathe spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

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.

(Contd. on page 2)

GB

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

Printing date 11.12.2019

Version: 1.00

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Trade name: SONAX Petrol Pump &amp; Nozzle Holder Cleaner

vPvB: Not applicable.

(Contd. of page 1)

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Description: Aqueous tenside solution with silicates

#### Dangerous components:

|  |   |         |
|--|---|---------|
| CAS: 10213-79-3<br>EINECS: 229-912-9<br>Reg.nr.: 01-2119449811-37-xxxx | disodium metasilicate-pentahydrate<br>Met. Corr. 1, H290; Skin Corr. 1B, H314; STOT SE 3, H335  | 3 - <5% |
| CAS: 147170-44-3<br>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<br>Alternative CAS number: 61789-40-0<br>Eye Dam. 1, H318; Aquatic Chronic 3, H412<br>Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 %<br>Eye Irrit. 2; H319: 4 % ≤ C < 10 % | 1 - <3% |

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

|                        |     |
|------------------------|-----|
| amphoteric surfactants | <5% |
|------------------------|-----|

#### Additional information:

147170-44-3 (REACH registered CAS)

alternative CAS: 61789-40-0

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:

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

After inhalation: Supply fresh air; consult doctor in case of complaints.

##### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

##### After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

##### After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Eye irritation / Eye damage

Caustic effect on skin and mucous membranes.

#### 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.

#### 5.3 Advice for firefighters

##### Protective equipment:

The normal measures for firefighting are to be taken.

Wear fully protective suit.

(Contd. on page 3)

GB

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

Printing date 11.12.2019

Version: 1.00

Revision: 14.09.2017

**Trade name: SONAX Petrol Pump & Nozzle Holder Cleaner**

### Additional information

(Contd. of page 2)

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

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:

Ensure adequate ventilation.

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.

Open and handle receptacle with care.

**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:** Provide alkali-resistant floor.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Do not store together with acids.

**Further information about storage conditions:**

Keep container tightly sealed.

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<sup>3</sup> (worker) (longterm 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 3000 mg/l (STP)

0.0135 mg/l (water (fresh water))

0.00135 mg/l (water (sea water))

(Contd. on page 4)

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

Printing date 11.12.2019

Version: 1.00

Revision: 14.09.2017

**Trade name: SONAX Petrol Pump & Nozzle Holder Cleaner**

(Contd. of page 3)

PNEC 1 mg/kg (sediment (fresh water))  
0.1 mg/kg (sediment (sea water))  
0.8 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

#### Protection of hands:

Protective gloves

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

#### Material of gloves

Chloroprene rubber, CR

Recommended thickness of the material:  $\geq 0.65$  mm

[EN 374]

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

#### Eye protection:



Tightly sealed goggles

[EN 166]

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

|                         |                 |
|-------------------------|-----------------|
| <b>Form:</b>            | Fluid           |
| <b>Colour:</b>          | Colourless      |
| <b>Odour:</b>           | Characteristic  |
| <b>Odour threshold:</b> | Not determined. |

|                           |             |
|---------------------------|-------------|
| <b>pH-value at 20 °C:</b> | 12.0 - 13.0 |
|---------------------------|-------------|

#### Change in condition

|   |               |
|---|---------------|
| <b>Melting point/freezing point:</b>            | Undetermined. |
| <b>Initial boiling point and boiling range:</b> | 100 °C        |

|                     |                 |
|---------------------|-----------------|
| <b>Flash point:</b> | Not applicable. |
|---------------------|-----------------|

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Flammability (solid, gas):</b> | Not applicable. |
|-----------------------------------|-----------------|

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Decomposition temperature:</b> | Not determined. |
|-----------------------------------|-----------------|

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Auto-ignition temperature:</b> | Product is not selfigniting. |
|-----------------------------------|------------------------------|

|                              |   |
|------------------------------|---|
| <b>Explosive properties:</b> | Product does not present an explosion hazard. |
|------------------------------|---|

#### Explosion limits:

|               |                 |
|---------------|-----------------|
| <b>Lower:</b> | Not determined. |
| <b>Upper:</b> | Not determined. |

|                         |                 |
|-------------------------|-----------------|
| <b>Vapour pressure:</b> | Not determined. |
|-------------------------|-----------------|

|                          |                               |
|--------------------------|-------------------------------|
| <b>Density at 20 °C:</b> | 1.02 - 1.03 g/cm <sup>3</sup> |
|--------------------------|-------------------------------|

|                         |                 |
|-------------------------|-----------------|
| <b>Relative density</b> | Not determined. |
|-------------------------|-----------------|

|                       |                 |
|-----------------------|-----------------|
| <b>Vapour density</b> | Not determined. |
|-----------------------|-----------------|

|                         |                 |
|-------------------------|-----------------|
| <b>Evaporation rate</b> | Not determined. |
|-------------------------|-----------------|

(Contd. on page 5)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 11.12.2019

Version: 1.00

Revision: 14.09.2017

Trade name: SONAX Petrol Pump &amp; Nozzle Holder Cleaner

(Contd. of page 4)

Solubility in / Miscibility with  
water:

Fully miscible.

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

Viscosity:

Flow time at 20 °C

10 - 15 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 Exothermic reaction with strong acids

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

10.5 Incompatible materials:

acids

strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

## SECTION 11: Toxicological information

11.1 Information on toxicological effects There are no toxicological findings on this mixture.

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

LD/LC50 values relevant for classification:

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 &gt;5000 mg/kg (rat) (OECD 401)

Dermal LD50 &gt;2000 mg/kg (rat) (OECD 402)

Primary irritant effect:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes severe skin burns and eye damage.

Respiratory or skin sensitisation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

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.

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: 10213-79-3 disodium metasilicate-pentahydrate

LC50 / 96h 210 mg/l (Brachydanio rerio)

EC0 &gt;1000 mg/l (Pseudomonas putida)

(Contd. on page 6)

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

Printing date 11.12.2019

Version: 1.00

Revision: 14.09.2017

**Trade name: SONAX Petrol Pump & Nozzle Holder Cleaner**

(Contd. of page 5)

|   |   |
|---|---|
| EC50 / 96 h   | 216 mg/l (Daphnia magna)                          |
| <b>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</b> |   |
| 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)           |
|   | >1 - 10 mg/l (Desmodesmus subspicatus) (OECD 201) |
| NOEC  | ≤1 mg/l (Oncorhynchus mykiss) (OECD210)           |
|   | ≤1 mg/l (Daphnia magna) (OECD 211)                |

### 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** No further relevant information available.

**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

Dangerous waste in accordance with the Directive on the List of Waste Materials

**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

|   |  |
|---|--|
| <b>14.1 UN-Number</b>   |  |
| <b>ADR, IMDG, IATA</b>  | UN1719   |
| <b>14.2 UN proper shipping name</b>   |  |
| <b>ADR</b>  | 1719 CAUSTIC ALKALI LIQUID, N.O.S. (disodium trioxosilicate) |
| <b>IMDG, IATA</b>   | CAUSTIC ALKALI LIQUID, N.O.S. (disodium trioxosilicate)      |
| <b>14.3 Transport hazard class(es)</b>  |  |
| <b>ADR</b>  |  |
|  |  |
| <b>Class</b>  | 8 Corrosive substances.                                      |
| <b>IMDG, IATA</b>   |  |
|  |  |
| <b>Class</b>  | 8 Corrosive substances.                                      |

(Contd. on page 7)

GB



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

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**Trade name: SONAX Petrol Pump & Nozzle Holder Cleaner**

(Contd. of page 6)

|  |   |
|--|---|
| <b>Label</b>   | 8   |
| <b>14.4 Packing group</b><br><b>ADR, IMDG, IATA</b>            | III   |
| <b>14.5 Environmental hazards:</b><br><b>Marine pollutant:</b> | No  |
| <b>14.6 Special precautions for user</b>                       | Warning: Corrosive substances.  |
| <b>Transport/Additional information:</b>                       |   |
| <b>ADR</b>   |   |
| <b>Limited quantities (LQ)</b>                                 | 5L  |
| <b>Transport category</b>                                      | 3   |
| <b>Tunnel restriction code</b>                                 | E   |
| <b>UN "Model Regulation":</b>                                  | UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (DISODIUM TRIOXOSILICATE), 8, III |

### SECTION 15: Regulatory information

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

##### National regulations:

##### Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles 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.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

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

|                           |  |
|---------------------------|--|
| Corrosive to metals       | On basis of test data  |
| Skin corrosion/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:

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

DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

(Contd. on page 8)

GB

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

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Version: 1.00

Revision: 14.09.2017

**Trade name: SONAX Petrol Pump & Nozzle Holder Cleaner***LD50: Lethal dose, 50 percent**IOELV = indicative occupational exposure limit values**Met. Corr. 1: Corrosive to metals – Category 1**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***\* Data compared to the previous version altered.**

(Contd. of page 7)

GB