

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

Printing date 16.07.2018

Version: 4.00

Revision: 02.08.2016

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

#### 1.1 Product identifier

**Trade name:** SONAX Xtreme Clear View 1:100

**Article number:** 02710000, 02710410, 02711000, 02711410

#### 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**

Skin Irrit. 2 H315 Causes skin irritation.

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 CLP regulation.

##### Hazard pictograms



GHS07

**Signal word** Warning

##### Hazard statements

H315 Causes skin irritation.

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.

P280 Wear protective gloves/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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Labelling of packages where the contents do not exceed 125 ml**

##### Hazard pictograms



GHS07

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**Signal word** Warning**Hazard statements** Void**Precautionary statements**

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

P102 Keep out of reach of children.

**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.

Product contains nanomaterials in a bonded tenside matrix.

**Dangerous components:**

|  |   |           |
|--|---|-----------|
|  | anionic surfactant<br>⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319 | 15 - <20% |
| CAS: 107-98-2<br>EINECS: 203-539-1<br>Reg.nr.: 01-2119457435-35-xxxx | 1-Methoxy-2-propanol<br>⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336 | 10 - <15% |

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

|   |            |
|---|------------|
| anionic surfactants   | ≥15 - <30% |
| perfumes, Coumarin, hexyl cinnamal, limonene, methylisothiazolinone, benzisothiazolinone, 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****General information:** Remove soiled clothing**After inhalation:** Supply fresh air.**After skin contact:**

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

If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**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

Skin 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.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents:**

Water spray

Alcohol resistant foam

Fire-extinguishing powder

Carbon dioxide

**For safety reasons unsuitable extinguishing agents:** Water with full jet**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.

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### Additional information

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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** No special precautions are necessary if used correctly.

**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.

#### 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: 107-98-2 1-Methoxy-2-propanol

|                     |                   |                                 |
|---------------------|-------------------|---------------------------------|
| WEL (Great Britain) | Short-term value: | 560 mg/m <sup>3</sup> , 150 ppm |
|                     | Long-term value:  | 375 mg/m <sup>3</sup> , 100 ppm |
| Sk                  |                   |                                 |

|            |                   |                                 |
|------------|-------------------|---------------------------------|
| IOELV (EU) | Short-term value: | 568 mg/m <sup>3</sup> , 150 ppm |
|            | Long-term value:  | 375 mg/m <sup>3</sup> , 100 ppm |
| Skin       |                   |                                 |

**Regulatory information** WEL (Great Britain): EH40/2011

#### DNELs

#### CAS: 107-98-2 1-Methoxy-2-propanol

|            |      |  |
|------------|------|--|
| Oral       | DNEL | 3.3 mg/kg (consumer) (long-term / systemic effects)              |
| Dermal     | DNEL | 18.1 mg/kg (consumer) (long-term / systemic effects)             |
|            |      | 50.6 mg/kg (worker) (long-term / systemic effects)               |
| Inhalative | DNEL | 43.9 mg/m <sup>3</sup> (consumer) (long-term / systemic effects) |
|            |      | 553.5 mg/m <sup>3</sup> (worker) (short-term / local effects)    |
|            |      | 369 mg/m <sup>3</sup> (worker) (long-term / systemic effects)    |

#### PNECs

#### CAS: 107-98-2 1-Methoxy-2-propanol

|      |                |
|------|----------------|
| PNEC | 100 mg/l (STP) |
|------|----------------|

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|      |   |
|------|---|
|      | 100 mg/l (water (intermittent release)) |
|      | 10 mg/l (water (fresh water))           |
|      | 1 mg/l (water (sea water))              |
| PNEC | 2.47 mg/kg (gro)                        |
|      | 41.6 mg/kg (sediment (fresh water))     |
|      | 4.17 mg/kg (sediment (sea water))       |

**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.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

**Respiratory protection:**

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Protection of hands:**

Protective gloves

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

**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 5 (240 - <480min)

**Eye protection:**

Safety glasses

[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>          | Blue            |
| <b>Odour:</b>           | Characteristic  |
| <b>Odour threshold:</b> | Not determined. |

|                           |                                |
|---------------------------|--------------------------------|
| <b>pH-value at 20 °C:</b> | 8.0 - 9.0<br>(10g/l) 7,0 - 8,0 |
|---------------------------|--------------------------------|

**Change in condition**

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

|                     |                   |
|---------------------|-------------------|
| <b>Flash point:</b> | 71 °C (DIN 51755) |
|---------------------|-------------------|

|                                   |                 |
|-----------------------------------|-----------------|
| <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> | 1.08 - 1.10 g/cm <sup>3</sup> |
| <b>Relative density</b>  | Not determined.               |

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|  |  |
|--|--|
| <b>Vapour density</b>                          | Not determined.                            |
| <b>Evaporation rate</b>                        | Not determined.                            |
| <b>Solubility in / Miscibility with water:</b> | Fully miscible.                            |
| <b>Partition coefficient: n-octanol/water:</b> | Not determined.                            |
| <b>Viscosity:</b>                              |  |
| <b>Flow time at 20 °C</b>                      | 10 - 15 s (DIN EN ISO 2431/4mm)            |
| <b>9.2 Other information</b>                   | 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:** 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: 107-98-2 1-Methoxy-2-propanol

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | 4016 mg/kg (rat)  |
| Dermal     | LD50     | >2000 mg/kg (rat) |
| Inhalative | LC0 / 6h | >7000 ppm (rat)   |

#### Primary irritant effect:

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### 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)

**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: 107-98-2 1-Methoxy-2-propanol

|            |   |
|------------|---|
| LC50 / 96h | >6800 mg/l (Leuciscus idus) (DIN38412)            |
| LC50 / 48h | 23300 mg/l (Daphnia magna)                        |
| EC50       | >1000 mg/l (Pseudokirchneriella subcapitata) (7d) |
| EC50/3h    | >1000 mg/l (activated sludge) (OECD 209)          |

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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.

#### anionic surfactant

|                |                   |
|----------------|-------------------|
| Biodegradation | >60 % (OECD 301B) |
|----------------|-------------------|

#### CAS: 107-98-2 1-Methoxy-2-propanol

|                |                        |
|----------------|------------------------|
| Biodegradation | 90 - 100 % (OECD 301E) |
|----------------|------------------------|

### 12.3 Bioaccumulative potential

#### CAS: 107-98-2 1-Methoxy-2-propanol

|         |                       |
|---------|-----------------------|
| log Kow | -0.43 log Kow (25 °C) |
|---------|-----------------------|

**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 dangerous substances |
|-----------|--|

|           |  |
|-----------|--|
| 15 01 10* | packaging containing residues of or contaminated by dangerous 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 | Void |
| Class                |      |

### 14.4 Packing group

|                 |      |
|-----------------|------|
| ADR, IMDG, IATA | Void |
|-----------------|------|

### 14.5 Environmental hazards:

|                   |    |
|-------------------|----|
| Marine pollutant: | No |
|-------------------|----|

**14.6 Special precautions for user** Not applicable.

|                        |      |
|------------------------|------|
| UN "Model Regulation": | Void |
|------------------------|------|

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**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**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**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 = 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 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

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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