

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

Printing date 30.03.2023

Version: 9.00 (replaces version 8.00)

Revision: 30.03.2023

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** SONAX Clear Glass**Article number:** 02032000, 03381000, 03382410, 03384000, 03385050, 03386000, 03389050**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** None**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**

The product is not classified, according to the GB CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**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

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**Dangerous components:**

CAS: 1569-02-4 EINECS: 216-374-5	1-ethoxypropan-2-ol ⚠ Flam. Liq. 3, H226; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	1-<3%

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

sodium pyrithione, perfumes, benzisothiazolinone

**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:** 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.

If symptoms persist consult doctor.

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

No further relevant information available.

**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.

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.

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.

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### 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: 64-17-5 ethanol

WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

OEL (Ireland) Short-term value: 1000 ppm

#### Regulatory information

WEL (Great Britain): EH40/2020

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

#### DNELs

##### CAS: 1569-02-4 1-ethoxypropan-2-ol

Oral DNEL 14 mg/kg bw/day (consumer) (longterm systematic effects)

Dermal DNEL 74 mg/kg bw/day (worker) (longterm systematic effects)

DNEL 44.3 mg/kg (consumer) (longterm systematic effects)

Inhalative DNEL 190 mg/m<sup>3</sup> (consumer) (acute systematic effects)

211 mg/m<sup>3</sup> (worker) (longterm systematic effects)

DNEL 127 mg/m<sup>3</sup> (consumer) (longterm systematic effects)

317 mg/m<sup>3</sup> (worker) (acute systematic effects)

##### CAS: 64-17-5 ethanol

Oral DNEL 87 mg/kg (consumer) (long-term exposure - systemic effects)

Dermal DNEL 206 mg/kg bw/day (consumer) (long-term exposure - systemic effects)

343 mg/kg bw/day (worker) (lon-term exposure - systemic effects)

Inhalative DNEL 950 mg/m<sup>3</sup> (consumer) (acute short-tem exposure - local effects)

1,900 mg/m<sup>3</sup> (worker) (acute short-tem exposure - local effects)

DNEL 114 mg/m<sup>3</sup> (consumer) (long-term exposure - systemic effects)

950 mg/m<sup>3</sup> (worker) (long-term exposure - systemic effects)

#### PNECs

##### CAS: 1569-02-4 1-ethoxypropan-2-ol

PNEC 1,250 mg/l (STP)

3.76 mg/l (sediment (sea water))

10 mg/l (water)

1 mg/l (water (sea water))

PNEC 37.6 mg/kg (sediment (fresh water))

2.4 mg/kg (soil)

142 mg/kg (Secondary poisoning)

##### CAS: 64-17-5 ethanol

PNEC 580 mg/l (sewage plant)

0.96 mg/l (water (fresh water))

0.79 mg/l (water (sea water))

PNEC 3.6 mg/kg (sediment (fresh water))

0.63 mg/kg (soil)

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**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.

**Respiratory protection:**

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Hand protection** Not required in normal cases.

**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**

<b>Physical state</b>	Fluid
<b>Colour:</b>	Green
<b>Odour:</b>	Citrus
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	100 °C (CAS: 7732-18-5 water)
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable.
<b>Decomposition temperature:</b>	Not determined.
<b>pH at 20 °C</b>	7-8
<b>Viscosity:</b>	
<b>Kinematic viscosity at 40 °C</b>	<20.5 mm <sup>2</sup> /s
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Fully miscible.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	23 hPa (CAS: 7732-18-5 water)
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	0.99-1 g/cm <sup>3</sup>
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void

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<b>Self-reactive substances and mixtures</b>	Void
<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>	Void
<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:** 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: 1569-02-4 1-ethoxypropan-2-ol

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>10,000 mg/l (rat)
	LC50 / 96 h	4,600-10,000 mg/l (Leuciscus idus)

##### CAS: 64-17-5 ethanol

Oral	LD50	10,470 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>20 mg/l (mouse)
		38 mg/l (rat)

**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** 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.

**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: 1569-02-4 1-ethoxypropan-2-ol

Inhalative	NOAEC Maternal	100 ppm (rat)
	NOAC Entwickl.	>2,000 ppm (rat)
	NOEC Eltern	300 ppm (rat)

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**CAS: 64-17-5 ethanol**

Oral	NOAEL	1,760 mg/kg (rat) (OECD 408, 90d, target organ: liver)
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**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: 1569-02-4 1-ethoxypropan-2-ol**

LC50 / 24h	<10,000 mg/l (Pimephales promelas)
EC10 / 16 h	4,600 mg/l (Pseudomonas putida)
EC50	177 mg/l (daphnia)
EC50 / 48h	21,100-25,900 mg/l (Daphnia magna)
EC50 / 7d	>1,000 mg/l (Pseudokirchneriella subcapitata)
NOEC	547 mg/l (fish)

**CAS: 64-17-5 ethanol**

LC50 / 48h	8,140 mg/l (Leuciscus idus)
EC50 / 48h	>10,000 mg/l (Daphnia magna)
EC50 / 72h	275 mg/l (Chlorella vulgaris)

**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: 1569-02-4 1-ethoxypropan-2-ol**

Biodegradation	87.7 %
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**12.3 Bioaccumulative potential****CAS: 1569-02-4 1-ethoxypropan-2-ol**

BCF	3.16
log Kow	1.46

**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.

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Additional ecological information:**

**General notes:** The product may not be released into the environment without control.

## 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

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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****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

**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) 7.14 %

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.

**Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Date of previous version:** 02.08.2022**Version number of previous version:** 8.00**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

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

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.**

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