

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

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

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

1.1 Product identifier

Trade name: SONAX Wash + Polish

Article number: 02183000

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

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

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 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.

P337+P313 If eye irritation persists: 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: Emulsion with abrasives and additives

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 1)

Dangerous components:

EC No 931-216-1 Reg.nr.: 01-2119472309-33-xxx	Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized Alternative CAS number: 157905-74-3 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	5 - <10%
CAS: 9004-78-8 NLP: 500-013-6	Phenol polyethoxilate ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	5 - <10%
CAS: 69011-36-5	isotridecanol, ethoxylated (>5-20EO) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 1 % ≤ C < 10 %	1 - <3%
CAS: 308062-28-4 EC No 931-292-6 Reg.nr.: 01-2119490061-47-xxxx	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Alternative CAS number: 70592-80-2 ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315	0.1 - <1%

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

cationic surfactants, non-ionic surfactants	≥5 - <15%
perfumes, methylisothiazolinone, benzisothiazolinone, sodium pyrrithione	

Additional information:

Any entry in the EC-column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 15 for additional CAS number information for the substance.

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:

Generally the product does not irritate the skin.

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

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

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed Eye 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: 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.

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).

(Contd. on page 3)

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

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 2)

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 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**Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized**

Oral	DNEL	7.5 mg/kg bw/day (consumer) (Long term exposure)
Dermal	DNEL	187.5 mg/kg bw/day (consumer) (Long term exposure)
		312.5 mg/kg bw/day (worker) (Long term exposure)
Inhalative	DNEL	13 mg/m ³ (consumer) (Long term exposure)
		44 mg/m ³ (worker) (Long term exposure)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	DNEL	0.44 mg/kg bw/day (consumer) (longterm / systemic effects)
Dermal	DNEL	5.5 mg/kg bw/day (consumer) (longterm / systemic effects)
		11 mg/kg bw/day (worker) (longtime / systemic effects)
Inhalative	DNEL	1.53 mg/m ³ (consumer) (longterm / systemic effects)
		6.2 mg/m ³ (worker) (longterm / systemic effects)

PNECs**Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized**

PNEC	0.002 mg/l (water (fresh water))
	0 mg/l (water (sea water))
PNEC	0.58 mg/kg (sediment (fresh water))
	0.058 mg/kg (sediment (sea water))
	0.115 mg/kg (soil)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

PNEC	0.0335 mg/l (water (intermittent release))
	0.0335 mg/l (water (fresh water))
	0.00335 mg/l (water (sea water))
PNEC	24 mg/kg (STP)
	5.24 mg/kg (sediment (fresh water))
	0.524 mg/kg (sediment (sea water))

(Contd. on page 4)

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

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 3)

1.02 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.

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: Not required in normal cases.

Eye protection:

Safety glasses

[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C: 5.5 - 6.0

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	≥100 °C

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

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: Not determined.

Density at 20 °C:	1.05 - 1.07 g/cm ³
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 20 - 60 s (DIN EN ISO 2431/4mm)

9.2 Other information

No further relevant information available.

GB

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 4)

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 known incompatible materials.

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:

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Oral	LD50	>2,000 mg/kg
------	------	--------------

Dermal	LD50	>2,000 mg/kg (rat)
--------	------	--------------------

CAS: 9004-78-8 Phenol polyethoxilate

Oral	LD50	500-2,000 mg/kg (rat) (OECD 423)
------	------	----------------------------------

Dermal	LD50	2,140 mg/kg (rabbit)
--------	------	----------------------

CAS: 69011-36-5 isotridecanol, ethoxylated (>5-20EO)

Oral	ATE	500 mg/kg (Ratte)
------	-----	-------------------

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	LD50	1,064 mg/kg (rat)
------	------	-------------------

Primary irritant effect:

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Causes serious eye irritation.

Respiratory or skin sensitisation

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

Repeated dose toxicity

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	NOAEL	88 mg/kg (rat) (subchronic effects)
------	-------	-------------------------------------

Dermal	LOAEL	0.045 mg/cm ² (mouse) (subchronic effects)
--------	-------	---

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:

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

LC50 / 96h	1.91 mg/l (Oncorhynchus mykiss)
------------	---------------------------------

(Contd. on page 6)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 5)

EC50 / 48h 2.23 mg/l (Daphnia magna)

EC50 / 72h 5.8 mg/l (algae)

CAS: 9004-78-8 Phenol polyethoxilate

LC50 / 96h >100 mg/l (fish) (OECD 203)

EC50 >128 mg/kg (Daphnia magna) (OECD 202)

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

LC50 / 96h 2.67 mg/l (fish)

EC50 3.1 mg/l (waterflea /Wasserfloh)

IC 50 0.143 mg/l (seaweed (Seegrass))

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: 9004-78-8 Phenol polyethoxilate

Biodegradation 40-50 % (OECD 311)

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

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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

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.

(Contd. on page 7)

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

Printing date 11.12.2019

Version: 2.01

Revision: 30.08.2018

Trade name: SONAX Wash + Polish

(Contd. of page 6)

UN "Model Regulation": Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The following substance(s) in this product is (are) identified by CAS number either in countries not subject to the REACH regulation.

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized: CAS 157905-74-3

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

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/eye 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)

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

Acute Tox. 4: Acute toxicity – Category 4

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

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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