

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

Printing date 11.09.2015

Version: 3

Revision: 13.08.2015

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

1.1 Product identifier

Trade name: SONAX Wash&Wax

Article number: 313200, 313300, 313341

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.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R41: Risk of serious damage to eyes.

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.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: aqueous tenside solution with additives

Dangerous components:

CAS: 69011-36-5 EC number: 931-138-8	isotridecanol, ethoxylated ☒ Xn R22; ☒ Xi R41 ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	5 - <10%
CAS: 9004-78-8	Phenol polyethoxilate ☒ Xn R22 ⚠ Acute Tox. 4, H302	3 - <5%
EC number: 931-216-1	Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized ☒ Xi R36/38 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	3 - <5%
CAS: 308062-28-4 EC number: 931-292-6 Reg.nr.: 01-2119490061-47-XXXX	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides ☒ Xn R22; ☒ Xi R38-41; ☒ N R50 ⚠ 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

non-ionic surfactants	5 - 15%
cationic surfactants	< 5%
perfumes, Limonene, Citral, Linalool, 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 risk 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

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Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

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 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

Inhalative	DNEL	13 mg/m ³ (consumer)
		44 mg/m ³ (worker)

25265-71-8 oxydipropanol

Oral	DNEL	24 mg/kg (consumer) (long-term systemic effects)
Dermal	DNEL	51 mg/kg bw/day (consumer) (long-term systemic effects)
		84 mg/kg bw/day (worker) (long-term systemic effects)
Inhalative	DNEL	70 mg/m ³ (consumer) (long-term systemic effects)
		238 mg/m ³ (worker) (long-term systemic effects)

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)
		0.27 % in mix./weight (worker) (longterm / local effects)
		11 mg/kg bw/day (worker) (longtime / systemic effects)
Inhalative	DNEL	3.8 mg/m ³ (consumer) (longterm / systemic effects)
		15.5 mg/m ³ (worker) (longterm / systemic effects)

PNECs

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

PNEC	0.058 mg/kg (sediment (sea water))
	0.115 mg/kg (soil)
	0.00191 mg/l (water (fresh water))

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	0.00191 mg/l (water (sea water))
25265-71-8 oxydipropanol	
PNEC	1000 mg/l (STP)
	0.238 mg/l (sediment (fresh water))
	0.0238 mg/l (sediment (sea water))
	0.0253 mg/l (soil)
	0.1 mg/l (water (fresh water))
	0.01 mg/l (water (sea water))
308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	
PNEC	24 mg/kg (STP)
	5.24 mg/kg (sediment (fresh water))
	0.524 mg/kg (sediment (sea water))
	1.02 mg/kg (soil)
	0.0335 mg/l (water (intermittent release))
	0.0335 mg/l (water (fresh water))
	0.00335 mg/l (water (sea water))

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

Ensure good ventilation/exhaustion at the workplace.

Protection of hands: Not required in normal cases

Eye protection:

Safety glasses

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Appearance:**

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

pH-value at 20 °C: 6.0 - 7.0

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 - 228 °C

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature:

Decomposition temperature: Not determined.

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Self-igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density at 20 °C:	1.00 - 1.02 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	10 - 15 s (DIN EN ISO 2431/4mm)
Dynamic:	Not determined.
Kinematic:	Not determined.
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: 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

LD/LC50 values relevant for classification:

69011-36-5 isotridecanol,ethoxylated

Oral	ATE	500 mg/kg (Ratte)
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9004-78-8 Phenol polyethoxilate

Oral	LD50	500-2000 mg/kg (rat) (OECD 423)
Dermal	LD50	2140 mg/kg (rabbit)

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

Oral	DNEL	7.5 mg/m ³ (consumer)
	LD50	>2000 mg/kg (rat)
Dermal	DNEL	187.5 mg/m ³ (consumer)
		312.5 mg/m ³ (worker)
	LD50	>2000 mg/kg (rat)

25265-71-8 oxydipropanol

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)

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

Oral	LD50	1064 mg/kg (rat)
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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 Irritating effect.**Values relevant for classification:**

69011-36-5 Isotridecanol, ethoxylated [dilution, 10% active substance in water]

in vitro eye irritation test (OECD 437): IVIS = 7.5

Does not cause eye damage (Eye. Dam. 1) in concentrations of ≤ 10%

Respiratory or skin sensitisation

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

Repeated dose toxicity

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.

SECTION 12: Ecological information**12.1 Toxicity** There are no ecotoxicological data available on this mixture.**Aquatic toxicity:****9004-78-8 Phenol polyethoxilate**

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

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

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

LC50 / 96 h 4.8 mg/l (Oncorhynchus mykiss)

25265-71-8 oxydipropanol

EC50 / 48h >100 mg/l (Daphnia magna) (OECD 202, Part1)

LC 50 >5000 mg/l (Carassius auratus)

>1000 mg/l (Cyprinus carpio)

LC50 / 96 h >100 mg/l (Leuciscus idus)

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

EC50 3.1 mg/l (waterflea /Wasserfloh)

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

LC50 / 96 h 2.67 mg/l (fish)

NOEC/NOEL 0.067 mg/l (seaweed (Seegras))

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.

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.

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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.

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

European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

20 01 29*	detergents containing dangerous substances
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15 01 10*	packaging containing residues of or contaminated by dangerous substances
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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.

UN "Model Regulation": -

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 94095-35-9

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.

R22 Harmful if swallowed.

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R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

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)

ICAO: International Civil Aviation Organisation

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

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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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