

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 preparation** 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 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 EU guidelines:****Code letter and hazard designation of product:**

Xi Irritant

Risk phrases:

41 Risk of serious damage to eyes.

Safety phrases:

2 Keep out of the reach of children.




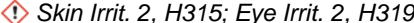
25 Avoid contact with eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

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 with additives**Dangerous components:**

CAS: 69011-36-5 EC number: 931-138-8	isotridecanol, ethoxylated  	5-10%
	cationic surfactants  	< 5%

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CAS: 9004-78-8	Phenol polyethoxilate ☒ Xn R22; ☒ Xi R41 ☞ Eye Dam. 1, H318; ☞ Acute Tox. 4, H302	< 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	< 5%

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

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

Additional information: 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: 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 / Eye damage

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 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.

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Trade name: SONAX Wash&Wax

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

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

Oral	PNEC	11.1 mg/kg food (-)
	PNEC	24 mg/l (STP)
		0.8 mg/kg (gro)
		0.25 mg/kg (sediment (fresh water))
		0.025 mg/kg (sediment (sea water))
		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.

Avoid contact with the eyes.

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

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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.
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	10 - 12s (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	LD50	>300 - 2000 mg/kg (rat) ((alcohols C7-C18, ethoxylated))
Dermal	LD50	>2000 mg/kg (rat) ((alcohols C7-C18, ethoxylated))
	LC 50/14d	>1000 mg/kg (Eisenia foetida) (OECD TG 207 (alcohols C 13 branched, ethoxylated))

cationic surfactants

Oral	LD50	>5000 mg/kg (rat)
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9004-78-8 Phenol polyethoxilate

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

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

Oral	LD50	1064 mg/kg (rat)
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Primary irritant effect:

on the skin:

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

on the eye: Strong irritant with the danger of severe eye injury.

Sensitization:

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

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

Repeated dose toxicity

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

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

Oral	NOAEL	88 mg/kg (rat)
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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:

69011-36-5 isotridecanol,ethoxylated

EC50	>100 mg/kg (Brassica alba) (OECD TG 208 (alcohols C 13 branched, ethoxylated))
	>100 mg/kg (Lepidium sativum) (OECD TG 208 (alcohols C 13 branched, ethoxylated))
	>10.000 mg/l (Pseudomonas putida) (ISO 10712 (alcohols C 13 branched, ethoxylated))
	>100 mg/kg (Triticum aestivum) (OECD TG 208 (alcohols C 13 branched, ethoxylated))
EC50 / 72h	>1 - 10 mg/l (Desmodosmus subspicatus) (OECD 201 (alcohols C 13 branched, ethoxylated))
LC 50 / 96 h	>1 - 10 mg/l (Cyprinus carpio) (OECD 203 (alcohols C 13 branched, ethoxylated))

cationic surfactants

IC 50	500 - 100 mg/l (Daphnia magna) (48h)
LC 50	1-10 mg/l (fish) (OECD 203)
LC0 / 24h	>500 mg/l (fish)

9004-78-8 Phenol polyethoxilate

EC50	>128 mg/kg (daphnia) (OECD 202)
LC 50 / 96 h	>100 mg/l (fish) (OECD 203)

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

EC10	24 mg/l (bacteria)
EC50 / 48h	10.4 mg/l (Daphnia magna) (OECD 202)
EC50 / 72h	0.266 mg/l (Selenastrum capricornutum) (OECD 201)
LC 50 / 96 h	2.67 mg/l (Pimephales promelas)

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.

69011-36-5 isotridecanol,ethoxylated

Biodegradation	>60 % (-) (OECD TG301B (alcohols C 13 branched, ethoxylated))
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cationic surfactants

Biodegradation	>60 % (-) (OECD 301B)
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308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Biodegradation	90 % (-) (28d (OECD 301 B))
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12.3 Bioaccumulative potential

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

log POW	0.93 log POW (-) (EG/440/2008, A.8)
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12.4 Mobility in soil No further relevant information available.

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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
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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, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, 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.

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

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.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

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Printing date 16.01.2013

Version: 2

Revision: 07.12.2012

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R41 Risk of serious damage to eyes.**R50** Very toxic to aquatic organisms.**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal Concentration

EC50 = half maximal effective concentraion

log POW = Octanol / water partition coefficient

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

GB