

Printing date 16.05.2023 Version: 6.01 (replaces version 6.00) Revision: 16.11.2022

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

1.1 Product identifier

Trade name: SONAX Wash&Wax

Article number:

03130000, 03132000, 03133410 **UFI:** QYD0-M009-U00X-QXK0

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 There is currently no information available on this.

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

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

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

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1A H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

2-methylisothiazol-3(2H)-one

Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

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.

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P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash 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

Marking container <125 ml deviates. Reduced labeling according article 29 and annex I, no. 1.5 GB CLPregulation is used.

2.3 Other hazards

Results of PBT and vPvB assessment

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

| CAS: 69011-36-5 | isotridecanol,ethoxylated (>5-20EO) | 5-<10% |
|---|--|---------------|
| EC No 931-138-8 | 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 0 17070 |
| CAS: 9004-78-8 NLP: 500-013-6 | Phenol polyethoxilate • Acute Tox. 4, H302; Eye Irrit. 2, H319 | 3-<5% |
| CAS: 94095-35-9 EC No 931-216-1 Reg.nr.: 01-2119472309-33-xxxx | 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized Alternative CAS number: 157905-74-3 ↑ Skin Irrit. 2, H315; Eye Irrit. 2, H319 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 28% Eye Irrit. 2; H319: C ≥ 28 % | 3-<5% |
| 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 | <1% |
| CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-xxxx | 2-methylisothiazol-3(2H)-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ♦ Skin Corr. 1B, H314; Eye Dam. 1, H318; ♦ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ♦ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % | >0.0015-<0.01 |
| CAS: 3811-73-2 EINECS: 223-296-5 Reg.nr.: 01-2119493385-28-xxxx | pyridine-2-thiol 1-oxide, sodium salt Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411; Acute Tox. 4, H302; Acute Tox. 4, H332 | <0.01% |



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

non-ionic surfactants

cationic surfactants, amphoteric surfactants

methylisothiazolinone, perfumes, 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 symptoms persist consult 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 sensitization Allergic reactions

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.

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 For non-emergency personnel

Avoid contact with the eyes and skin.

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 section 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.

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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.

Observe local/state/federal regulations.

Further information about storage conditions:

Store receptacle in a well ventilated area.

Protect from frost.

Protect from heat and direct sunlight.

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.

| Oral | DNEL | 0.44 mg/kg bw/day (consumer) (acute systematic effects) |
|-----------|---------|---|
| Dermal | DNEL | 5.5 mg/kg bw/day (consumer) (longterm systematic effects) |
| | | 11 mg/kg bw/day (worker) (longterm systematic effects) |
| nhalative | DNEL | 3.8 mg/m³ (consumer) (longterm systematic effects) |
| | | 15.5 mg/m³ (worker) (longterm systematic effects) |
| PNECs | • | |
| CAS: 940 | 95-35-9 | 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate- quaternized |
| PNE | C 2.96 | mg/l (sewage plant) |
| | 0.00 | 191 mg/l (water (fresh water)) |
| | 0.00 | 0191 mg/l (water (sea water)) |
| PNE | C 0.58 | mg/kg (sediment (fresh water)) |
| | 0.05 | 8 mg/kg (sediment (sea water)) |
| CAS: 308 | 062-28 | 4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides |
| Dral PNE | C 11.1 | mg/kg (food) |
| PNE | C 24 n | ng/l (sewage plant) |
| | | |

Additional information: The lists valid during the making were used as basis.

0.0335 mg/l (water (fresh water))
0.00335 mg/l (water (sea water))
PNEC 5.24 mg/kg (sediment (fresh water))
0.524 mg/kg (sediment (sea water))

8.2 Exposure controls

Suitable technical control devices

1.02 mg/kg (soil)

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.

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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.

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.

Hand protection Protective gloves

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

[EN 374]

Penetration time of glove material Value for the permeation: Level 6 (≥480min)

Eye/face protection Safety glasses

[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical stateFluidColour:YellowOdour:Fruit-likeMelting point/freezing point:Undetermined.

Boiling point or initial boiling point and boiling

range 100 °C (CAS: 7732-18-5 water) Flammability Product is not flammable.

Lower and upper explosion limit

Lower:Not applicableUpper:Not applicableFlash point:Not applicableDecomposition temperature:Not determined

pH at 20 °C

Viscosity:

Kinematic viscosity at 40 °C <20.5 mm²/s

Solubility

water: Fully miscible.
Partition coefficient n-octanol/water (log value) Not determined.

Vapour pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water)

Density and/or relative density

Density at 20 °C:1-1.02 g/cm³ **Vapour density**Not determined.

9.2 Other information

Appearance:

Form: Fluid

Important information on protection of health and

environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

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Change in condition

Evaporation rate Not determined.

Information with regard to physical hazard classes

Explosives Void
Flammable gases Void
Aerosols Void
Oxidising gases Void
Gases under pressure Void
Flammable liquids Void

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|--|------|-------------------|
| Flammable solids | Void | |
| Self-reactive substances and mixtures | Void | |
| Pyrophoric liquids | Void | |
| Pyrophoric solids | Void | |
| Self-heating substances and mixtures | Void | |
| Substances and mixtures, which emit flamma | able | |
| gases in contact with water | Void | |
| Oxidising liquids | Void | |
| Oxidising solids | Void | |
| Organic peroxides | Void | |
| Corrosive to metals | Void | |
| Desensitised explosives | 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 known incompatible materials.
- 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

| LD/LC5 | 0 values rele | evant for classification: |
|--------|---------------|--|
| CAS: 6 | 9011-36-5 isc | otridecanol,ethoxylated (>5-20EO) |
| Oral | LD50 | >300-2,000 mg/kg (rat) (OECD 423) |
| | ATE | >300-2,000 mg/kg (rat) |
| CAS: 9 | 004-78-8 Phe | enol polyethoxilate |
| Oral | LD50 | 500-2,000 mg/kg (rat) (OECD 423) |
| Dermal | LD50 | 2,140 mg/kg (rabbit) |
| CAS: 9 | | octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate- naternized |
| Oral | LD50 | >2,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |
| CAS: 3 | 08062-28-4 A | mines, C12-14 (even numbered)-alkyldimethyl, N-oxides |
| Oral | LD50 | 1,064 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2,000 mg/kg (rat) |
| | 1 OFO / OG 6 | 2.67 mg/l (Pimephales promelas) |

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

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.

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Additional toxicological information:

| Repe | Repeated dose toxicity | | |
|------|---|---|--|
| CAS | | -octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate- | |
| | q | uaternized | |
| Oral | NOAEL | 1,000 mg/kg (rat) | |
| | | 300 mg/kg (Ratte) | |
| CAS | CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | | |
| Oral | NOAEL 90 d | 2,000 mg/kg (rat) (OECD 451) | |
| | NOAEL | 2,000 mg/kg (rat) (OECD 451) | |
| | | 88 mg/kg (rabbit) (OECD 408) | |
| | | 25 mg/kg (Ratte) | |

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.

| CAS: 9004-78-8 Phenol polyethoxilate | Aquatic toxic | ity: | | |
|--|---------------|--|--|--|
| CAS: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized | CAS: 9004-78 | 3-8 Phenol polyethoxilate | | |
| CAS: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized LC50 / 96h 1.91 mg/l (fish) (OECD 203) EC50 / 48h 2.23 mg/l (daphnia) (EU Method C.2) EC50 / 72h 2.14 mg/l (algae) (OECD 201) EC10 / 72 h 1.48 mg/l (algae) (OECD 201) CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides NOEC 302 d 0.42 mg/l (Pimephales promelas) EC10 / 18h 24 mg/l (Pseudomonas putida) EC50 / 48h 3.1 mg/l (Daphnia magna) EC50 / 72h 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-T3-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | LC50 / 96h | >100 mg/l (fish) (OECD 203) | | |
| LC50 / 96h | EC50 | >128 mg/kg (Daphnia magna) (OECD 202) | | |
| EC50 / 48h 2.23 mg/l (daphnia) (EU Method C.2) EC50 / 72h 2.14 mg/l (algae) (OECD 201) CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides NOEC 302 d 0.42 mg/l (Pimephales promelas) EC10 / 18h 24 mg/l (Pseudomonas putida) EC50 / 48h 3.1 mg/l (Daphnia magna) EC50 / 72h 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | CAS: 94095-3 | | | |
| EC50 / 72h 2.14 mg/l (algae) (OECD 201) 1.48 mg/l (even numbered)-alkyldimethyl, N-oxides NOEC 302 d 0.42 mg/l (Pimephales promelas) 24 mg/l (Pseudomonas putida) 24 mg/l (Pseudomonas putida) 3.1 mg/l (Daphnia magna) 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) O.65 mg/l (algae) O.75 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) O.75 mg/l (Zebrabärbling) O.75 mg/l (Zebrabärbling) O.75 mg/l (Zebrabärbling) O.75 mg/l (Zebrabärbling) O.75 mg/l (Selenastrum capricornutum) O.75 mg/l (Selenastru | LC50 / 96h | 1.91 mg/l (fish) (OECD 203) | | |
| CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides NOEC 302 d 0.42 mg/l (Pimephales promelas) EC10 / 18h 24 mg/l (Pseudomonas putida) EC50 / 48h 3.1 mg/l (Daphnia magna) EC50 / 72h 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 1.81 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricomutum) | EC50 / 48h | 2.23 mg/l (daphnia) (EU Method C.2) | | |
| CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides NOEC 302 d EC10 / 18h EC50 / 48h EC50 / 48h EC50 / 72h NOEC / 21 d NOEC / 28d O.067 mg/l (Daphnia magna) (OECD 211) NOEC / 28d O.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h CC 20 / 3h EC 20 / 3h EC 20 / 3h EC 50/3h Substitute (SUB) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h CC 20 / 3h CC 20 / 3h CC 30 / 36 / 34 / 34 / 34 / 34 / 34 / 34 / 34 | EC50 / 72h | 2.14 mg/l (algae) (OECD 201) | | |
| NOEC 302 d 0.42 mg/l (Pimephales promelas) EC10 / 18h 24 mg/l (Pseudomonas putida) EC50 / 48h 3.1 mg/l (Daphnia magna) EC50 / 72h 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC10 / 72 h | 1.48 mg/l (algae) (OECD 201) | | |
| EC10 / 18h | CAS: 308062 | -28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | | |
| EC50 / 48h | NOEC 302 d | 0.42 mg/l (Pimephales promelas) | | |
| EC50 / 72h 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC10 / 18h | 24 mg/l (Pseudomonas putida) | | |
| NOEC / 21 d 0.7 mg/l (Daphnia magna) (OECD 211) NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC50 / 48h | 3.1 mg/l (Daphnia magna) | | |
| NOEC / 28d 0.067 mg/l (algae) CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC 50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC50 / 72h | 0.143 mg/l (Pseudokirchneriella subcapitata) (OECD 201) | | |
| CAS: 2682-20-4 2-methylisothiazol-3(2H)-one EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC 50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | NOEC / 21 d | 0.7 mg/l (Daphnia magna) (OECD 211) | | |
| EC 20 / 3h 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50 / 48h 0.0022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | NOEC / 28d | | | |
| EC50/3h 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | CAS: 2682-20 |)-4 2-methylisothiazol-3(2H)-one | | |
| CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC 20 / 3h | 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) | | |
| LC50 / 96h 0.00767 mg/l (Zebrabärbling) EC 20 / 3h 0.48 mg/l (KS) (OECD 209) EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | | | | |
| EC 20 / 3h | | _ • • | | |
| EC50/3h 1.81 mg/l (KS) (OECD 209) EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | LC50 / 96h | 0.00767 mg/l (Zebrabärbling) | | |
| EC50 / 48h 0.022 mg/l (daphnia) EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC 20 / 3h | 0.48 mg/l (KS) (OECD 209) | | |
| EC50 / 72h 0.46 mg/l (Selenastrum capricornutum) | EC50/3h | 1.81 mg/l (KS) (OECD 209) | | |
| | EC50 / 48h | 0.022 mg/l (daphnia) | | |
| NOEC / 72 h 0.08 mg/l (Selenastrum capricornutum) (OECD 201) | EC50 / 72h | 0.46 mg/l (Selenastrum capricornutum) | | |
| I O (| NOEC / 72 h | 0.08 mg/l (Selenastrum capricornutum) (OECD 201) | | |

12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detregent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

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Trade name: SONAX Wash&Wax

| | (Contd. of page |
|-----------------|--|
| CAS: 9004-78- | 8 Phenol polyethoxilate |
| Biodegradation | >60 % (OECD 311) |
| CAS: 94095-35 | -9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate- quaternized |
| Biodegradation | >60 % (OECD 301 B Ready Biodegradability CO2 Evolution) |
| CAS: 308062-2 | 8-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides |
| Biodegradation | 90 % |
| CAS: 3811-73- | 2 pyridine-2-thiol 1-oxide, sodium salt |
| Biodegradation | >70 % (activated sludge) (OECD 301 B) |
| 12.3 Bioaccum | ulative potential |
| CAS: 308062-2 | 8-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides |
| log POW 2.7 | |
| CAS: 2682-20- | 4 2-methylisothiazol-3(2H)-one |
| BCF 3.16 | |
| log Kow -0.32 | |
| CAS: 3811-73- | 2 pyridine-2-thiol 1-oxide, sodium salt |
| log Kow -1.09 | ((n-Octanol/Wasser) OECD 107) |

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 conatins less than 0.1% of any substances classified as PBT

vPvB

According to information provided in the supply chain, the mix conatins 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.

12.7 Other adverse effects

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

| 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 informat | | |
|---|------|--|
| 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 | |

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| | | (Contd. of page |
|---|----------------------------------|-----------------|
| 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 instruments | to IMO 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) not subject to

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 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

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation | The classification of the mixture is generally based on the calculation method Skin sensitisation | using substance data according to Regulation (EC) No 1272/2008.

Version number of previous version: 6.00

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Printing date 16.05.2023 Version: 6.01 (replaces version 6.00) Revision: 16.11.2022

Trade name: SONAX Wash&Wax

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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 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
Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity - Category 4

Acute Tox. 4: Acute toxicity — Category 2
Skin Corr. 1B: Skin corrosion/irritation — Category 1B
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

Skin Sens. 1A: Skin sensitisation - Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term 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.