

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

Printing date 28.10.2020

Version: 9.00

Revision: 20.05.2020

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

1.1 Product identifier

Trade name: **SONAX Shampoo+**

Article number:

06625000, 06626000, 06627050, 06628000, 06629000

UFI: W440-F0WE-900Y-KSJC

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of Use

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

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.

Additional information:

EUH208 Contains dipentene. May produce an allergic reaction.

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.

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Dangerous components:

| | | |
|--|--|--------|
| CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-xxxx | 1-Methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336 | 3-<5% |
| CAS: 69011-36-5 EC No 931-138-8 | 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: 138-86-3 EINECS: 205-341-0 | dipentene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317 | <0.25% |

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

| | |
|-----------------------|-----|
| non-ionic surfactants | <5% |
| perfumes, limonene | |

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; consult doctor in case of complaints.

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:

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

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

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.

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See Section 13 for disposal information.

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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.

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:

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: 107-98-2 1-Methoxy-2-propanol

| | |
|---------------------|---|
| WEL (Great Britain) | Short-term value: 560 mg/m ³ , 150 ppm |
| | Long-term value: 375 mg/m ³ , 100 ppm |
| Sk | |
| IOELV (EU) | Short-term value: 568 mg/m ³ , 150 ppm |
| | Long-term value: 375 mg/m ³ , 100 ppm |
| Skin | |

Regulatory information

WEL (Great Britain): EH40/2018

IOELV (EU): (EU) 2017/164

DNELs

CAS: 107-98-2 1-Methoxy-2-propanol

| | | |
|------------|------|--|
| Oral | DNEL | 3.3 mg/kg (consumer) (long-term / systemic effects) |
| Dermal | DNEL | 18.1 mg/kg (consumer) (long-term / systemic effects) |
| | | 50.6 mg/kg (worker) (long-term / systemic effects) |
| Inhalative | DNEL | 43.9 mg/m ³ (consumer) (long-term / systemic effects) |
| | | 553.5 mg/m ³ (worker) (short-term / local effects) |
| | | 369 mg/m ³ (worker) (long-term / systemic effects) |

PNECs

CAS: 107-98-2 1-Methoxy-2-propanol

| | |
|------|---|
| PNEC | 100 mg/l (STP) |
| | 100 mg/l (water (intermittent release)) |
| | 10 mg/l (water (fresh water)) |
| | 1 mg/l (water (sea water)) |
| PNEC | 2.47 mg/kg (gro) |
| | 41.6 mg/kg (sediment (fresh water)) |
| | 4.17 mg/kg (sediment (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.

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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: Protective gloves**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm**Penetration time of glove material** Value for the permeation: Level 4 ($120 \text{ min} \leq x < 240 \text{ min}$)**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: | Yellow |
| Odour: | Citrus |
| Odour threshold: | Not determined. |

| | |
|---------------------------|-------------|
| pH-value at 20 °C: | 11.0 - 12.0 |
|---------------------------|-------------|

Change in condition**Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** 100 - 120 °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:** 1.01 - 1.02 g/cm³**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)**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 further relevant information available.

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10.6 Hazardous decomposition products: No dangerous decomposition products known.

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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:

CAS: 107-98-2 1-Methoxy-2-propanol

| | | |
|------------|----------|--------------------|
| Oral | LD50 | 4,016 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |
| Inhalative | LC0 / 6h | >7,000 ppm (rat) |

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

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

CAS: 138-86-3 dipentene

| | | |
|------|------|-------------------|
| Oral | LD50 | 5,600 mg/kg (rat) |
|------|------|-------------------|

Primary irritant effect:

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

Based on available data, the classification criteria are not met.

Contains dipentene. May produce an allergic reaction.

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:

CAS: 107-98-2 1-Methoxy-2-propanol

| | |
|------------|--|
| LC50 / 96h | >6,800 mg/l (Leuciscus idus) (DIN38412) |
| LC50 / 48h | 23,300 mg/l (Daphnia magna) |
| EC50 | >1,000 mg/l (Pseudokirchneriella subcapitata) (7d) |
| EC50/3h | >1,000 mg/l (activated sludge) (OECD 209) |

CAS: 138-86-3 dipentene

| | |
|-------------|---|
| LC50 / 96h | 38.5 mg/l (Pimephales promelas) |
| LC50 / 48h | 31 mg/l (Daphnia magna) |
| EC50 / 48h | 28.2 mg/l (Daphnia magna) |
| EC50 / 96 h | 20.2 mg/l (Pimephales promelas) |
| IC50 / 96h | 13.798 mg/l (Pseudokirchneriella subcapitata) |

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: 107-98-2 1-Methoxy-2-propanol

| | |
|----------------|----------------------|
| Biodegradation | 90-100 % (OECD 301E) |
|----------------|----------------------|

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12.3 Bioaccumulative potential**CAS: 107-98-2 1-Methoxy-2-propanol**

log Kow ≤0.43 log Kow (25°C)

12.4 Mobility in soil No further relevant information available.**Additional ecological information:****General notes:**

The product may not be released into the environment without control.

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

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**

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

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.

14.7 Transport in bulk according to Annex II of**Marpol and the IBC Code**

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:**

EC/1907/2006 (REACH)

EC/1272/2008 (CLP)

EC/648/2004

National regulations:**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

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15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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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

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very 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:

NOEL = No Observed Effect Level
NOEC = No Observed Effect Concentration
LC = Lethal 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
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity - oral – 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
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
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

Version history and indication of changes: Replaces version 8.05.

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