

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

Printing date 10.08.2023

Version: 8.00 (replaces version 7.00)

Revision: 17.12.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX MultiStar**Article number:**

06275000, 06276000, 06277050, 06278000, 06279000, 06279410

UFI: T2A0-D0HT-F004-7ART**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture**

Car care product

Cleaning material/ Detergent

Professional uses

Uses advised against None**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.

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 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.

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2.3 Other hazards**Results of PBT and vPvB assessment****PBT:**

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: Tensides in aqueous solution with phosphates

Dangerous components:

| | | |
|--|--|-------|
| CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-xxxx | alcohols, C12-14, ethoxylated, sulfates, sodium salts ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 % | 3-<5% |
| CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx | sodium-p-cumene sulphonate Alternative CAS numbers: 28348-53-0, 32073-22-6 ☠ Eye Irrit. 2, H319 | 1-<3% |
| CAS: 577-11-7 EINECS: 209-406-4 Reg.nr.: 01-2119491296-29-xxxx | Sodium diisooctyl sulphosuccinate ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315 | 1-<3% |

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

| | |
|---|-----|
| anionic surfactants, phosphates | <5% |
| perfumes (HEXYL CINNAMAL, AMYL CINNAMAL, LIMONENE, CITRONELLOL, LINALOOL) | |

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: No special measures required

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:

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

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.

Do not enter the hazardous area without a self-contained breathing apparatus.

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See Section 8 for information on personal protection equipment.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

For non-emergency personnel

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.

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.

Observe local/state/federal regulations.

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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

| | | |
|------------|------|--|
| Oral | DNEL | 15 mg/kg (VL) |
| Dermal | DNEL | 1,650 mg/kg (VL) |
| | | 2,750 mg/kg (worker long-term) |
| Inhalative | DNEL | 52 mg/m ³ (VL) |
| | DNEL | 175 mg/m ³ (worker long-term) |

CAS: 15763-76-5 sodium-p-cumene sulphonate

| | | |
|------------|------|---|
| Oral | DNEL | 3.8 mg/kg bw/day (consumer) (longterm systematic effects) |
| Dermal | DNEL | 3.8 mg/kg bw/day (consumer) (longterm systematic effects) |
| | | 7.6 mg/kg bw/day (worker) (longterm systematic effects) |
| Inhalative | DNEL | 13.2 mg/m ³ (consumer) (longterm systematic effects) |
| | | 53.6 mg/m ³ (worker) (longterm systematic effects) |

CAS: 577-11-7 Sodium diisooctyl sulphosuccinate

| | | |
|--------|------|---------------------------|
| Oral | DNEL | 17.86 mg/kg (vls) |
| Dermal | DNEL | 267.86 mg/kg bw/day (wls) |
| | | 160.71 mg/kg (vls) |

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| | | |
|--|---------------|---------------------------------|
| Inhalative | DNEL | 1,889.1 mg/m ³ (w/s) |
| | DNEL | 559.01 mg/m ³ (v/s) |
| PNECs | | |
| CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts | | |
| PNEC | 10,000 mg/l | (sewage plant) |
| | 0.24 mg/l | (water (fresh water)) |
| | 0.024 mg/l | (water (sea water)) |
| PNEC | 7.5 mg/kg | (gro) |
| | 0.9168 mg/kg | (sediment (fresh water)) |
| | 0.09168 mg/kg | (sediment (sea water)) |
| CAS: 577-11-7 Sodium diisooctyl sulphosuccinate | | |
| PNEC | 12.2 mg/l | (sewage plant) |
| | 0.18 mg/l | (water (fresh water)) |
| | 0.018 mg/l | (water (sea water)) |
| PNEC | 17.789 mg/kg | (sediment (fresh water)) |
| | 1.779 mg/kg | (sediment (sea water)) |
| | 1.04 mg/kg | (soil) |

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

8.2 Exposure controls

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.

Hand protection: Not required in normal cases.

Eye/face protection

Safety glasses

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SECTION 9: Physical and chemical properties

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

Physical state

Fluid

Colour:

Light blue

Odour:

Flowery

Melting 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 determined.

Upper:

Not determined.

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH at 20 °C

10.5-12.0

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:

1.07-1.09 g/cm³

Vapour density

Not determined.

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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.

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**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 flammable 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 further relevant information available.**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****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

Oral LD50 >5,000 mg/kg (rat)

Dermal LD 50 >5,000 mg/kg (rat)

CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral LD50 >7,000 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rat)

CAS: 577-11-7 Sodium diisooctyl sulposuccinate

Oral LD50 >2,100 mg/kg (rat)

Dermal LD50 >10,000 mg/kg (rat)

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.

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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.

Additional toxicological information:

Repeated dose toxicity

CAS: 15763-76-5 sodium-p-cumene sulphonate

| | | |
|------|--------------|--|
| Oral | NOAEL | >936 mg/kg (rat) |
| | NOAEL 90-92d | >440 mg/kg/d (OECD 411 Subchronic Dermal Toxicity: 90-day Study) |

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.

Aquatic toxicity:

CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

| | |
|-------|-------------------------------------|
| LC 50 | >10-100 mg/l (Leuciscus idus) |
| EC0 | >100 mg/l (Pseudomonas putida) |
| EC50 | >100 mg/l (Scenedesmus subspicatus) |
| | >10-100 mg/l (Daphnia magna) |
| NOEC | >1-10 mg/l (Leuciscus idus) |
| | >0.1-1 mg/l (Daphnia magna) |

CAS: 15763-76-5 sodium-p-cumene sulphonate

| | |
|-------------|---|
| LC50 / 96h | >1,000 mg/l (fish) (EPA OPPTS EPA OTS 797) |
| EC50/3h | >1,000 mg/l (bacteria) (OECD 209) |
| EC50 / 48h | >1,000 mg/l (Daphnia magna) (EPA OPPTS EPA OTS 797) |
| | >100 mg/l (daphnia) (OECD 202) |
| EC50 / 96 h | >230 mg/l (algae) (EPA OPPTS EPA OTS 797) |
| NOEC 96h | 31 mg/l (algae) (EPA OPPTS) |

CAS: 577-11-7 Sodium diisooctyl sulphosuccinate

| | |
|------------|---------------------------|
| LC50 / 96h | 49 mg/l (Danio rerio) |
| EC50 / 48h | 15.2 mg/l (Daphnia magna) |
| EC50 / 72h | 82.5 mg/l (algae) |

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: 15763-76-5 sodium-p-cumene sulphonate

Biodegradation | 60-100 % (OECD 301 B Ready Biodegradability - CO2 Evolution)

12.3 Bioaccumulative potential No further relevant information available.

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 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

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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.

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Additional ecological information:****General notes:**

The product does not contain organic complexing agents.

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

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 information

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

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 to IMO

instruments

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

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

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

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

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

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

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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)

DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

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 Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

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