

**Safety data sheet
according to UK REACH**

Printing date 18.09.2024

Version: 1.00

Revision: 18.08.2023

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

06846000

UFI: HYH5-Y09H-300G-S5SG**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture**

Car care product

Professional uses

Uses advised against Consumer uses: Private households / general public / consumers**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 Dam. 1 H318 Causes serious eye damage.

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

GHS05

Signal word Danger**Hazard-determining components of labelling:**

Capryloyl/Caproyl Methyl Glucamide

Hazard statements

H318 Causes serious eye damage.

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.

P310 Immediately call a POISON CENTER/doctor.

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 and cleaning components in a water-based solution.

Dangerous components:

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 %	5-<10%
CAS: 90622-53-0 EC No 942-445-1 Reg.nr.: 01-2120107956-51	Alkanes, C12-26-branched and linear ⚠ Asp. Tox. 1, H304	5-<10%
CAS: 1591782-62-5 EC No 940-284-1 Reg.nr.: 01-2120028964-50-0000	1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	3-<5%
CAS: 160875-66-1	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy- ⚠ Eye Irrit. 2, H319	3-<5%

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:

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 / 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.

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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

The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.

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.
Protect from heat and direct sunlight.

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: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

Oral	DNEL	2.14 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	21.43 µg/kg/day (consumer) (longterm systematic effects)
	DNEL	30 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	3.73 mg/m ³ (consumer) (longterm systematic effects)
		10.58 mg/m ³ (worker) (longterm systematic effects)

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PNECs**CAS: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized**

PNEC	2.96 mg/l (sewage plant)
	0.00191 mg/l (water (fresh water))
	0.000191 mg/l (water (sea water))
PNEC	0.58 mg/kg (sediment (fresh water))
	0.058 mg/kg (sediment (sea water))

CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

PNEC	50 mg/l (sewage plant)
	1 mg/l (water (intermittent release))
	10 mg/l (water (fresh water))
	1 mg/l (water (sea water))
PNEC	94 mg/kg (sediment (fresh water))
	9.4 mg/kg (sediment (sea water))
	36.6 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.

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.

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 yellow

Odour:

Alcohol-like

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 applicable

Upper:

Not applicable

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH at 20 °C

3.8-4.2

Viscosity:**Kinematic viscosity at 40 °C**<20.5 mm²/s**Solubility****water:**

Partly 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:**1-1.01 g/cm³

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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.

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:** strong oxidizing agents**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: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized**

Oral LD50 >2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

CAS: 90622-53-0 Alkanes, C12-26-branched and linear

Oral LD50 >2,000 mg/kg (rat) (OECD 401)

Dermal LD50 >2,000 mg/kg (rat) (OECD 402)

CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

Oral LD50 500 mg/kg (rat) (OECD 423)

Dermal LD 50 >2,000 mg/kg (rat) (OECD 402)

Inhalative LC50 / 4h 5 mg/l (rat) (OECD 436)

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CAS: 160875-66-1 Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-

Oral LD50 >2,000-5,000 mg/kg (rat) (OECD 423)

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**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: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized

Oral NOAEL 1,000 mg/kg (rat)
300 mg/kg (Ratte)

CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

Oral NOAEL 90 d 200 mg/kg (rat (male)) (OECD 408, 90d, target organ: liver)
NOAEL 150 mg/kg (rat) (OECD 415)
≥350 mg/kg (Ratte) (OECD 415)
NOAEL 10d 150 mg/kg bw/d (rate (female)) (OECD 414)
>363 mg/kg bw/d (rat) (OECD 414)
NOEC / 56 d 1,000 mg/kg (Eisenia foetida) (OECD 222)**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: 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: 90622-53-0 Alkanes, C12-26-branched and linear

LC50 / 96 h 1,029 mg/l (fish)
NOELR 28d >1,000 mg/l (Oncorhynchus mykiss)
EC50 / 48h 42,001 mg/l (daphnia) (ISO TC 147/SC5/WG2)
EC50 / 72h 3,201 mg/l (algae) (ISO 10253)
NOELR 72 h 993 mg/l (algae) (ISO 10253)
NOELR 21d 1,001 mg/l (Daphnia magna)

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CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

LC50 / 48h	>100 mg/l (Danio rerio) (OECD 203)
EC50/3h	>1,000 mg/l (activated sludge) (OECD 209)
EC50 / 48h	>100 mg/l (Daphnia magna) (OECD 202)
ErC 50 / 72h	>100 mg/l (Desmodesmus subspicatus) (OECD 201)
NOEC / 21 d	500-1,000 mg/l (AS) (OECD 208)
	250-1,000 mg/l (Brassica napus (RAPS)) (OECD 208)
	500-1,000 mg/l (Glycine max (Sojabohne)) (OECD 208)
	50 mg/l (Daphnia magna) (OECD 211)
NOEC / 9 d	200 mg/l (Danio rerio) (OECD 212)

CAS: 160875-66-1 Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-

EC 10 / 96h	>1 mg/l (algae)
EC50 / 72h	>10-100 mg/l (Scenedesmus subspicatus)
EC50 / 2 d	>1-10 mg/l (Daphnia magna) (OECD 202)

12.2 Persistence and degradability

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)
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CAS: 90622-53-0 Alkanes, C12-26-branched and linear

Biodegradation	83 %
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CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

Biodegradation	85 % (activated sludge)
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12.3 Bioaccumulative potential

CAS: 1591782-62-5 1-Deoxy-1-(methyl-(C8-10-(even)-alkanoyl)amino)-D-Glucitol

log POW	1.43 (water)
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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

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:

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

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

The product does not contain organic complexing agents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

07 06 04*	other organic solvents, washing liquids and mother liquors
HP4	Irritant - skin irritation and eye damage

Uncleaned packaging:

15 01 10*: packaging containing residues of or contaminated by dangerous substances

Recommendation:

Packaging may be reused or recycled after cleaning.

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15 01 02: plastic packaging
Recommended cleansing agents: Water

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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.

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) 2.05 %

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

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

Classification according to Regulation (EC) No 1272/2008

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

NOEL = No Observed Effect Level

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*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. 4: Acute toxicity – 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**Asp. Tox. 1: Aspiration hazard – Category 1*

GB