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

Printing date 06.05.2021 *Version: 8.00* *Revision: 22.04.2021*

*

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

1.1 Product identifier

Trade name: SONAX Wax

Article number:
06015000, 06016000, 06017050, 06018000, 06019000, 06019410
UFI: MK70-Q0H9-J00S-1EUX
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)
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
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
Skin Irrit. 2 H315 Causes skin irritation.
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 CLP regulation.
Hazard pictograms

GHS05

Signal word Danger

Hazard-determining components of labelling:
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me
Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
Precautionary statements
P280 Wear protective gloves/eye protection.
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.

(Contd. on page 2)

(Contd. of page 1)

P310 Immediately call a POISON CENTER/doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Tensides, care additives, alcohol in aqueous solution.

Dangerous components:		
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	10-<15%
EC No 939-685-4 Reg.nr.: 01-2119983493-26-xxxx	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts) Alternative CAS number: 95009-13-5 Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5-<10%
CAS: 9004-78-8 NLP: 500-013-6	Phenol polyethoxilate Acute Tox. 4, H302; Eye Irrit. 2, H319	5-<10%
CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28-xxxx	3-butoxypropan-2-ol Skin Irrit. 2, H315; Eye Irrit. 2, H319	3-<5%
CAS: 71750-79-3 EC number: 615-336-9	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me Skin Corr. 1B, H314	1-<3%

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
Skin 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.

(Contd. on page 3)

(Contd. of page 2)

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
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 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.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Keep container tightly sealed.
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: 67-63-0 propan-2-ol	
WEL (Great Britain)	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

Regulatory information WEL (Great Britain): EH40/2018

DNELs		
CAS: 67-63-0 propan-2-ol		
Oral	DNEL	26 mg/kg (consumer) (chornic effects (1d))
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d))
		888 mg/kg (worker) (chronic effects (1d))
Inhalative	DNEL	89 mg/m³ (consumer) (chronic effects)
		500 mg/m³ (worker) (chronic effects)
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)		
Oral	DNEL	1.25 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	56.25 mg/kg bw/day (consumer) (longterm systematic effects)
		112.5 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	2.17 mg/m³ (consumer) (longterm systematic effects)
		8.72 mg/m³ (worker) (longterm systematic effects)

(Contd. on page 4)

(Contd. of page 3)

CAS: 5131-66-8 3-butoxypropan-2-ol		
Oral	DNEL	8.75 mg/kg bw/day (human)
Dermal	DNEL	16 mg/kg bw/day (human)
		44 mg/kg bw/day (worker)
Inhalative	DNEL	33.8 mg/m³ (human)
		270.5 mg/m³ (worker)

PNECs	
CAS: 67-63-0 propan-2-ol	
PNEC	140.9 mg/l (sporadic release)
	2,251 mg/l (STP)
	140.9 mg/l (water (fresh water))
	140.9 mg/l (water (sea water))
PNEC	28 mg/kg (gro)
	552 mg/kg (sediment)
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)	
PNEC	10 mg/l (STP)
	0.017 mg/l (water (fresh water))
	0.002 mg/l (water (sea water))
PNEC	1.7 mg/kg (sediment (fresh water))
	0.17 mg/kg (sediment (sea water))
	0.331 mg/kg (soil)
CAS: 5131-66-8 3-butoxypropan-2-ol	
PNEC	10 mg/l (sewage plant)
	5.25 mg/l (sporadic release)
	0.525 mg/l (water (fresh water))
	0.0525 mg/l (water (sea water))
PNEC	2.36 mg/kg (sediment (fresh water))
	0.236 mg/kg (sediment (sea water))
	0.16 mg/kg (soil)

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.
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 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 (≥ 480 min)
Eye/face protection
Safety glasses
[EN 166]

(Contd. on page 5)

(Contd. of page 4)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Physical state	Fluid
Colour:	Red-brown
Odour:	Waxen
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	82 - 175 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	36 °C (DIN 51755)
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	5.0 - 5.5
Viscosity:	
Kinematic viscosity	Not determined.
Solubility	
water:	Partly miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	0.97 - 0.98 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2): no self-sustained combustion
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
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.

(Contd. on page 6)

(Contd. of page 5)

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: 67-63-0 propan-2-ol		
Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,900 mg/kg (rabbit)
Inhalative	LC50 / 6 h	>25 mg/l (rat) (OECD 403)
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)		
Oral	LD50	>2,000 mg/kg (mouse) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rabbit) (OECD TG 402)
CAS: 9004-78-8 Phenol polyethoxilate		
Oral	LD50	500-2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	2,140 mg/kg (rabbit)
CAS: 5131-66-8 3-butoxypropan-2-ol		
Oral	LD50	3,300 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	>651 ppm (rat)
	LC50 / 4h	>3.4 mg/l (rat)
CAS: 71750-79-3 Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me		
Inhalative	LC0/4h	>20 mg/l (calculation method)
	LD 0	>2,000 mg/kg (calculation method)

Skin corrosion/irritation Causes skin irritation.

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		
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)		
Dermal	NOAEL 28d	500 mg/kg (rat) (OECD 407)

11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

(Contd. on page 7)

(Contd. of page 6)

Aquatic toxicity:	
CAS: 67-63-0 propan-2-ol	
LC50 / 96h	9,640 mg/l (Pimephales promelas)
LC50 / 24h	9,714 mg/l (daphnia)
EC50	>100 mg/l (bacteria)
EC50 / 72h	>100 mg/l (algae)
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)	
LC50 / 96h	>10 mg/l (Cyprinus carpio) (OECD 203)
EC20 / 6d	10 mg/l (activated sludge)
EC50 / 48h	>8.6 mg/l (Daphnia magna) (OECD 202)
EC50 / 72h	1.2 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
EC50 / 6 d	100 mg/l (activated sludge)
NOEC / 21 d	1 mg/l (Daphnia magna) (EPA OTS 797.1330)
NOEC / 72 h	0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC / 35 d	0.686 mg/l (Pimephales promelas) (US-EPA)
CAS: 9004-78-8 Phenol polyethoxilate	
LC50 / 96h	>100 mg/l (fish) (OECD 203)
EC50	>128 mg/kg (Daphnia magna) (OECD 202)
CAS: 5131-66-8 3-butoxypropan-2-ol	
LC50 / 96h	>560-1,000 mg/l (Gp)
EC50/3h	>1,000 mg/l (bacteria)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (OECD 202 (Teil I))
EC50 / 96 h	>1,000 mg/l (Grünalge Pseudokirchneriella subcapitata)
CAS: 71750-79-3 Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me	
LC0	>2,000 mg/l (calculation method)

12.2 Persistence and degradability	
CAS: 67-63-0 propan-2-ol	
Biodegradiation	53 %
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)	
Biodegradiation	>60 % (OECD TG 301 F)
CAS: 9004-78-8 Phenol polyethoxilate	
Biodegradiation	40-50 % (OECD 311)
CAS: 5131-66-8 3-butoxypropan-2-ol	
Biodegradiation	90 % (OECD301E/92/69/EWG, C4.-B)

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: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Waste classified as hazardous according to Annex III to Directive 2008/98/EC.
Recommendation Waste must be disposed of while observing the local, official regulations.

(Contd. on page 8)

(Contd. of page 7)

European waste catalogue	
07 06 04*	other organic solvents, washing liquids and mother liquors

Uncleaned packaging:
15 01 10*: packaging containing residues of or contaminated by dangerous substances
Recommendation:
Packaging may be reused or recycled after cleaning.
15 01 02: plastic packaging
Recommended cleansing agents: Water

SECTION 14: Transport information

14.1 UN number or ID 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 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2): no self-sustained combustion
UN "Model Regulation":	Void

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 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.

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
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 9)

(Contd. of page 8)

Classification according to Regulation (EC) No 1272/2008	
Skin corrosion/irritation 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.

Version number of previous version: 7.00

Abbreviations and acronyms:

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 (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. 2: Flammable liquids – Category 2
Acute Tox. 4: Acute toxicity – Category 4
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
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

"Regulation (EC) Nr. 1907/2006 (REACH), 1272/2008 (CLP), 648/2004 (Detergents) in the respective valid version.National occupation exposure limits for each country in the respective valid version.Transportation regulations according to ADR, RID, IMDG, IATA in the respective valid version."

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