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

Printing date 28.10.2020 *Version: 5.01* *Revision: 16.07.2019*

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

1.1 Product identifier

Trade name: SONAX Dry H

Article number:
06035000, 06036000, 06037050, 06038000
UFI: AD40-Y0YM-700F-JT9J
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 PC9a Coatings and paints, thinners, paint removers
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

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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.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

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

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Dangerous components:		
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-xxxx	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	15-<20%
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 %	10-<15%
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	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:
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

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:
Foam
Fire-extinguishing powder
Carbon dioxide
Water spray
For safety reasons unsuitable extinguishing agents: Water with full jet
5.2 Special hazards arising from the substance or mixture
Carbon dioxide (CO2)
Carbon monoxide (CO)
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
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.

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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 No special precautions are necessary if used correctly.
Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

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.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
WEL (Great Britain)	Short-term value: 101.2 mg/m³, 15 ppm Long-term value: 67.5 mg/m³, 10 ppm
IOELV (EU)	Short-term value: 101.2 mg/m³, 15 ppm Long-term value: 67.5 mg/m³, 10 ppm
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
IOELV (EU): (EU) 2017/164

DNELs		
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	DNEL	5 mg/kg bw/day (consumer) (chronic systemic effect)
Dermal	DNEL	83 mg/bw/day (worker) (chronic systemic effect)
	DNEL	50 mg/kg bw/day (consumer) (chronic systemic effect)
Inhalative	DNEL	67.5 mg/m³ (worker) (chronic systemic effect)
	DNEL	67.5 mg/m³ (worker) (chronic locale effects)
	DNEL	40.5 mg/m³ (consumer) (chronic systemic effect)
	DNEL	40.5 mg/m³ (consumer) (chronic locale effects)
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)

PNECs	
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
PNEC	200 mg/l (STP)
	11 mg/l (water)

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	1.1 mg/l (water (fresh water))
	0.11 mg/l (water (sea water))
PNEC	4.4 mg/kg (sediment (fresh water))
	0.44 mg/kg (sediment (sea water))
	0.32 mg/kg (soil)
	56 mg/kg (water)
CAS: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized	
PNEC	2.96 mg/l (sewage plant)
	0.065 mg/l (water (fresh water))
	0.0065 mg/l (water (sea water))
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)

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.
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: Not required in normal cases.
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:	Yellowish
Odour:	Solvent-like
Odour threshold:	Not determined.
pH-value at 20 °C:	3.0 - 4.0
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	82 - 274 °C
Flash point:	85 °C (DIN 51755)
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.

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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:	0.97 - 0.98 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: strong oxidizing agents
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: 112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD50	2,410 mg/kg (mouse) (ECHA)
Dermal	LD50	2,764 mg/kg (rabbit) (ECHA)
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: 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)

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.

Repeated dose toxicity		
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	NOAEL	250 mg/kg (rat) (ECHA)
Inhalative	NOAEC	0.094 mg/m³ (Ratte) (OECD 413)

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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)

CMR effects (carcinogenity, 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.

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SECTION 12: Ecological information

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

Aquatic toxicity:	
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
LC50 / 96h	1,300 mg/l (Lepomis macrochirus) (OECD 203)
EC50 / 48h	>100 mg/l (Daphnia magna) (ECHA)
ErC50	1,101 mg/l (Pseudokirchneriella subcapitata) (ECHA)
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	1.148 mg/l (algae) (OECD 201)
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)

12.2 Persistence and degradability	
CAS: 94095-35-9 9-octadecenoic acid (Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized	
Biodegradiation	>60 % (OECD 301 B Ready Biodegradability -. CO2 Evolution)
CAS: 67-63-0 propan-2-ol	
Biodegradiation	53 %

12.3 Bioaccumulative potential No further relevant information available.
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
Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

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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

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 **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.
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.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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.

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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 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. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Version history and indication of changes: *Replaces version 5.00.*
**** Data compared to the previous version altered.***