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

Printing date 28.10.2020 *Version: 5.00* *Revision: 24.04.2019*

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

1.1 Product identifier

Trade name: SONAX FOAM LEMON

Article number:
06086000, 06087050, 06088000
UFI: 1GS0-E0GG-W008-CPNN
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

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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.
Skin Sens. 1A	H317 May cause an allergic skin reaction.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

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 GHS07

Signal word Danger

Hazard-determining components of labelling:
Sodium Laureth Sulfate
2-methylisothiazol-3(2H)-one
dipentene
Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
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.
P310	Immediately call a POISON CENTER/doctor.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

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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: Aqueous tenside solution.

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 %	15-<20%
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	5-<10%
CAS: 308062-28-4 EC No 931-292-6 Reg.nr.: 01-2119490061-47-xxxx	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Alternative CAS number: 70592-80-2 Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	<1%
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%
CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-xxxx	2-methylisothiazol-3(2H)-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	<0.01%

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
anionic surfactants	≥15 - <30%
non-ionic surfactants	<5%
perfumes, limonene, linalool, methylisothiazolinone, benzisothiazolinone, sodium pyrithione	

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 skin irritation continues, consult a 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
sensitization

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.

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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.
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 enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.
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.*

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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: 107-98-2 1-Methoxy-2-propanol	
WEL (Great Britain)	*Short-term value: 560 mg/m³, 150 ppm* *Long-term value: 375 mg/m³, 100 ppm* *Sk*
IOELV (EU)	*Short-term value: 568 mg/m³, 150 ppm* *Long-term value: 375 mg/m³, 100 ppm* *Skin*

Regulatory information
WEL (Great Britain): EH40/2018
IOELV (EU): (EU) 2017/164

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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/m³ (VL)
	DNEL	175 mg/m³ (worker long-term)
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/m³ (consumer) (long-term / systemic effects)
		553.5 mg/m³ (worker) (short-term / local effects)
	DNEL	369 mg/m³ (worker) (long-term / systemic effects)
CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	DNEL	0.44 mg/kg bw/day (consumer) (longterm / systemic effects)
Dermal	DNEL	5.5 mg/kg bw/day (consumer) (longterm / systemic effects)
		11 mg/kg bw/day (worker) (longtime / systemic effects)
Inhalative	DNEL	1.53 mg/m³ (consumer) (longterm / systemic effects)
		6.2 mg/m³ (worker) (longterm / systemic effects)

PNECs	
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts	
PNEC	10,000 mg/l (sewage plant)
	0.071 mg/l (sporadic release)
	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: 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))
CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	
PNEC	0.0335 mg/l (water (intermittent release))
	0.0335 mg/l (water (fresh water))
	0.00335 mg/l (water (sea water))
PNEC	24 mg/kg (STP)
	5.24 mg/kg (sediment (fresh water))
	0.524 mg/kg (sediment (sea water))
	1.02 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.

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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:
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
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 (≥480min)*
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:	*Colourless*
Odour:	*Citrus*
Odour threshold:	*Not determined.*
pH-value at 20 °C:	*7.0 - 8.0*
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:	*Not determined.*
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:	*1.03 - 1.05 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	*15 - 25 s (DIN EN ISO 2431/4mm)*
9.2 Other information	*No further relevant information available.*

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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 known incompatible materials.
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: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rat) (OECD 402)
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: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	LD50	1,064 mg/kg (rat)
CAS: 138-86-3 dipentene		
Oral	LD50	5,600 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Causes serious eye damage.

Respiratory or skin sensitisation
May cause an allergic skin reaction.

Repeated dose toxicity		
CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	NOAEL	88 mg/kg (rat) (subchronic effects)
Dermal	LOAEL	0.045 mg/cm² (mouse) (subchronic effects)

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
Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

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Aquatic toxicity:	
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts	
LC 50	>10-≤100 mg/l (Leuciscus idus) (DIN EN ISO 7346-2)
EC0	>100 mg/l (bacteria) (OECD 209)
EC50	>100 mg/l (Scenedesmus subspicatus) (OECD 201)
	>10-100 mg/l (Daphnia magna) (OECD 202)
NOEC	>1-10 mg/l (Leuciscus idus)
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: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	
LC50 / 96h	2.67 mg/l (fish)
EC50	3.1 mg/l (waterflea /Wasserfloh)
IC 50	0.143 mg/l (seaweed (Seegras))
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)
CAS: 2682-20-4 2-methylisothiazol-3(2H)-one	
EC 20 / 3h	2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))
EC50/3h	34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))

12.2 Persistence and degradability
The surface-active substances contained in the product meet the requirement of the EU Detregent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 107-98-2 1-Methoxy-2-propanol	
Biodegradiation	90-100 % (OEECD 301E)

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 does not contain organically bounded halogens (AOX-free).
The product does not contain organic complexing agents.
Do not allow product to reach ground water, water course or sewage system.
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.
Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue	
20 01 29*	detergents containing dangerous substances

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

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
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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Classification according to Regulation (EC) No 1272/2008	
Skin corrosion/irritation Serious eye damage/eye irritation Skin sensitisation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	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:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
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. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Acute Tox. 2: Acute toxicity - inhalation – Category 2
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
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
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
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Version history and indication of changes: Replaces version 4.01.
*** Data compared to the previous version altered.**