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

Printing date 29.10.2020 *Version: 5.03* *Revision: 27.08.2019*

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

1.1 Product identifier

Trade name: SONAX Intensive Cleaner Truck+Bus

Article number:
06265050, 06266000-540, 06267050, 06268000, 06269000, 06269410
UFI: QUQ0-T0CY-200V-S6KE
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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Met. Corr.1 H290 May be corrosive to metals.
Skin Corr. 1B H314 Causes severe skin burns and 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:
potassium hydroxide
Hazard statements
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.
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.

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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 %*	*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*	*3-<5%*
CAS: 1310-58-3 *EINECS: 215-181-3* *Reg.nr.: 01-2119487136-33-xxxx*	*potassium hydroxide* *Met. Corr.1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318; Acute Tox. 4, H302* *Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 %* *Skin Corr. 1B; H314: 2 % ≤ C < 5 %* *Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %* *Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %*	*3-<5%*
CAS: 112-34-5 *EINECS: 203-961-6* *Reg.nr.: 01-2119475104-44-xxxx*	*2-(2-butoxyethoxy)ethanol* *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	
phosphates, anionic surfactants	*<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:
Immediately remove any clothing soiled by the product.
Take affected persons out of danger area and lay down.
After inhalation: *Supply fresh air; consult doctor in case of complaints.*
After skin contact:
Immediately wash with water and soap and rinse thoroughly.
Seek immediate medical advice.
After eye contact:
Rinse opened eye for several minutes under running water.
Seek immediate medical advice.
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
Caustic effect on skin and mucous membranes.

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.
Wear fully protective suit.
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
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:
Ensure adequate ventilation.
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.
Open and handle receptacle with care.
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: *Provide alkali-resistant floor.*
Information about storage in one common storage facility:
Do not store together with acids.
Store away from foodstuffs.
Store away from metals.
Further information about storage conditions:
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: 1310-58-3 potassium hydroxide	
WEL (Great Britain)	*Short-term value: 2 mg/m³*
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*

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: 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/m³ (consumer) (longterm systematic effects)
		53.6 mg/m³ (worker) (longterm systematic effects)
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: 577-11-7 Sodium diisooctyl sulphosuccinate		
Oral	DNEL	18.8 mg/kg (Gambusia affinis)
Dermal	DNEL	31.3 mg/kg
Inhalative	DNEL	44.1 mg/m³

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: 112-34-5 2-(2-butoxyethoxy)ethanol	
PNEC	200 mg/l (STP)
	11 mg/l (water)
	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: 577-11-7 Sodium diisooctyl sulphosuccinate	
PNEC	0.0066 mg/l (water (fresh water))
	0.00066 mg/l (water (sea water))
PNEC	0.0653 mg/kg (sediment (sea water))
	0.138 mg/kg (soil)

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

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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:
If the occupational exposure limit is exceeded:
The following breathing protection is recommended:
Filter P2
Filter P3
[DIN EN 14387]
Protection of hands: *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 (≥480min)*
Eye protection:

Tightly sealed goggles

[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:	*soap scent*
Odour threshold:	*Not determined.*
pH-value:	*12.5 - 13.5*
Change in condition	
Melting point/freezing point:	*Undetermined.*
Initial boiling point and boiling range:	*≥100 °C*
Flash point:	*Not applicable.*
Flammability (solid, gas):	*Not applicable.*
Decomposition temperature:	*Not determined.*
Auto-ignition temperature:	*Product is not selfigniting.*
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:	*1.12 - 1.14 g/cm³*
Relative density	*Not determined.*
Vapour density	*Not determined.*
Evaporation rate	*Not determined.*

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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 Exothermic reaction with strong acids
10.4 Conditions to avoid See Section 7 for information on safe handling.
10.5 Incompatible materials: acids
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: 15763-76-5 sodium-p-cumene sulphonate		
Oral	LD50	>7,000 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rat)
CAS: 1310-58-3 potassium hydroxide		
Oral	LD50	333 mg/kg (rat)
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: 577-11-7 Sodium diisooctyl sulphosuccinate		
Oral	LD50	>2,100 mg/kg (rat)
Dermal	LD50	>10 mg/kg (rat)
Inhalative	LC 50 / 96h	20 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation
Causes severe skin burns and eye damage.

Serious eye damage/irritation
Causes severe skin burns and eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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 Subcronic Dermal Toxicity: 90-day Stucy)
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	NOAEL	250 mg/kg (rat) (ECHA)
Inhalative	NOAEC	0.094 mg/m³ (Ratte) (OECD 413)

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.

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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.*

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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) (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: 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: 1310-58-3 potassium hydroxide	
LC50 / 96h	80 mg/l (Gambusia affinis)
LC50 / 24h	165 mg/l (Poecilla reticulata)
EC 50/15 min	22 mg/l (Photobacterium phosphoreum)
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: 577-11-7 Sodium diisooctyl sulphosuccinate	
LC50 / 96h	49 mg/l (Danio rerio)
EC50 / 48h	6.6 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 Detregent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 15763-76-5 sodium-p-cumene sulphonate	
Biodegradiation	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.*
Additional ecological information:
General notes:
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
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.*

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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.
15 01 02: plastic packaging
Recommended cleansing agents: Water

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SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA UN1719

14.2 UN proper shipping name
ADR 1719 CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, N,N-BIS(CARBOXYMETHYL)-ALANINE, TRISODIUM SALT)
IMDG, IATA CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, N,N-BIS(CARBOXYMETHYL)-ALANINE, TRISODIUM SALT)

14.3 Transport hazard class(es)
ADR, IMDG, IATA

Class 8 Corrosive substances.
Label 8

14.4 Packing group
ADR, IMDG, IATA III

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user Warning: Corrosive substances.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

Transport/Additional information:

ADR
Limited quantities (LQ) 5L
Transport category 3
Tunnel restriction code E

UN "Model Regulation": UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, N,N-BIS(CARBOXYMETHYL)-ALANINE, TRISODIUM SALT), 8, III

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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 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
H290 May be corrosive to metals.
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.
H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008	
Corrosive to metals	On basis of test data
Skin corrosion/irritation	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
Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity - oral – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
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
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Version history and indication of changes: Replaces version 5.02.
*** Data compared to the previous version altered.**