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

Printing date 15.12.2023 *Version: 8.00 (replaces version 7.01)* *Revision: 08.06.2022*

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

1.1 Product identifier

Trade name: SONAX Wash Hall & Tile cleaner

Article number:
06146000, 06147050
UFI: *F110-8024-9005-SGK1*
1.2 Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the mixture
Detergents
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

Met. Corr.1	*H290 May be corrosive to metals.*
Skin Corr. 1B	*H314 Causes severe skin burns and eye damage.*
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:
hydrochloric acid
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/hearing protection.*
P301+P330+P331 *IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.*

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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:
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: aqueous tenside solution with acids

Dangerous components:		
CAS: 7647-01-0 EINECS: 231-595-7 Reg.nr.: 01-2119484862-27-xxxx	hydrochloric acid Met. Corr.1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318; STOT SE 3, H335 Specific concentration limits: Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 % STOT SE 3; H335: C ≥ 10 %	5-<10%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60-xxxx	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	5-<10%
CAS: 69011-36-5 EC No 931-138-8	isotridecanol,ethoxylated (>5-20EO) Eye Dam. 1, H318; Acute Tox. 4, H302 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 1 % ≤ C < 10 %	3-<5%

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
non-ionic surfactants, cationic 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:
Take affected persons out of danger area and lay down.
Immediately remove any clothing soiled by the product.
In case of irregular breathing or respiratory arrest provide artificial respiration.
After inhalation:
Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
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.

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(Contd. of page 2)

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
Develops corrosive gases/fumes.
In case of fire, the following can be released:
Hydrogen chloride (HCl)
5.3 Advice for firefighters
Protective equipment:
Do not inhale explosion gases or combustion gases.
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 *Ensure adequate ventilation*
For non-emergency personnel
Wear protective clothing.
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:
Ensure adequate ventilation.
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
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
When diluting always pour product into water and not vice versa.
Information about fire - and explosion protection: *The product is not flammable.*

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: *Provide acid-resistant floor.*
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from metals.
Store away from oxidising agents.
Observe local/state/federal regulations.
Further information about storage conditions:
Keep container tightly sealed.
Store receptacle in a well ventilated area.

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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:	
CAS: 7647-01-0 hydrochloric acid	
WEL (Great Britain)	Short-term value: 8 mg/m³, 5 ppm Long-term value: 2 mg/m³, 1 ppm (gas and aerosol mists)
IOELV (EU)	Short-term value: 15 mg/m³, 10 ppm Long-term value: 8 mg/m³, 5 ppm
OEL (Ireland)	Short-term value: 15 mg/m³, 10 ppm Long-term value: 8 mg/m³, 5 ppm IOELV
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
WEL (Great Britain)	Long-term value: 308 mg/m³, 50 ppm Sk
IOELV (EU)	Long-term value: 308 mg/m³, 50 ppm Skin
OEL (Ireland)	Long-term value: 308 mg/m³, 50 ppm Sk, IOELV

Regulatory information
WEL (Great Britain): EH40/2020
IOELV (EU): (EU) 2019/1831
OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

DNELs		
CAS: 7647-01-0 hydrochloric acid		
Inhalative	DNEL	8 mg/m³ (consumer) (chronic locale effects) 15 mg/m³ (worker) (chronic locale effects)

PNECs	
CAS: 7647-01-0 hydrochloric acid	
PNEC	45 µg/l (sporadic release) 36 µg/l (STP) 36 µg/l (freshwater (Süßwasser)) 36 µg/l (water (sea water))

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:
Ensure good ventilation/exhaustion at the workplace.
If the occupational exposure limit is exceeded:
The following breathing protection is recommended:
Filter B
[DIN EN 14387]
Hand protection Protective gloves

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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

Tightly sealed goggles

[EN 166]
Body protection: *Acid resistant protective clothing*

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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:	*Pungent*
Melting point/freezing point:	*Undetermined.*
Boiling point or initial boiling point and boiling range	*Undetermined.*
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	*-0.5-1*
Viscosity:	
Kinematic viscosity at 40 °C	*<20.5 mm²/s*
Solubility	
water:	*Fully miscible.*
Partition coefficient n-octanol/water (log value)	*Not determined.*
Vapour pressure:	*Not determined.*
Density and/or relative density	
Density at 20 °C:	*1.04-1.05 g/cm³*
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*

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Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	
May be corrosive to metals.	
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
When diluting, always add acid to water, never vice versa.
Reacts with alkali and metals.
10.4 Conditions to avoid See Section 7 for information on safe handling.
10.5 Incompatible materials:
acids
caustic solutions
strong oxidizing agents
10.6 Hazardous decomposition products:
Hydrogen chloride (HCl)
Hydrogen
Chlorine

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: 69011-36-5 isotridecanol,ethoxylated (>5-20EO)		
Oral	LD50	>300-2,000 mg/kg (rat) (OECD 423)
	ATE	>300-2,000 mg/kg (rat)

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

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.
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.

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Aquatic toxicity:	
CAS: 7647-01-0 hydrochloric acid	
LC50 / 96h	11.5-20.4 mg/l (Lepomis macrochirus)
LC50 / 48h	240-260 mg/l (Invertebrates)
EC50 / 48h	0.45 mg/l (fish)
	0.23 mg/l (bacteria)
ErC 50 / 72h	0.73 mg/l (Chlorella vulgaris)

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.
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:
According to information provided in the supply chain, the mix conatins less than 0.1% of any substances classified as PBT
vPvB:
According to information provided in the supply chain, the mix conatins 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.
The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects
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 undiluted product or large quantities of it to reach ground water, water course or sewage system.

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 14*	acids
HP8	Corrosive

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/RID/ADN, IMDG, IATA	UN1789
14.2 UN proper shipping name	
ADR/RID/ADN	1789 HYDROCHLORIC ACID, solution
IMDG, IATA	HYDROCHLORIC ACID solution

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14.3 Transport hazard class(es)

ADR/RID/ADN

Class	*8 (C1) Corrosive substances.*
Label	*8*

IMDG, IATA

Class	*8 Corrosive substances.*
Label	*8*
14.4 Packing group	
ADR/RID/ADN, IMDG, IATA	*II*
14.5 Environmental hazards:	
Marine pollutant:	*No*
14.6 Special precautions for user	*Warning: Corrosive substances.*
Stowage Category	*E*
14.7 Maritime transport in bulk according to IMO instruments	*Not applicable.*
Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ)	*1L*
Transport category	*2*
Tunnel restriction code	*E*
UN "Model Regulation":	*UN1789, HYDROCHLORIC ACID, solution, 8, II*

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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) *5.00 %*
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 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.

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Relevant phrases
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Classification according to Regulation (EC) No 1272/2008	
Corrosive to metals	*Bridging principles*
Skin corrosion/irritation *Serious eye damage/irritation*	*The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.*

Date of previous version: *22.04.2021*
Version number of previous version: *7.01*
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)
DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
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 (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
Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
**** Data compared to the previous version altered.***