

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

Printing date 28.10.2020

Version: 5.01

Revision: 19.02.2020

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

1.1 Product identifier

Trade name: SONAX Stain Remover

Article number: 06532000

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

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

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

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



GHS02

Signal word Danger

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P271 Use only outdoors or in a well-ventilated area.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

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: Preparation of propellant and solvents

Dangerous components:

EC No 918-167-1 Reg.nr.: 01-2119472146-39-xxxx	Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics Alternative CAS numbers: 90622-57-4, 64742-48-9 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	50 - <75%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane ⚠ Flam. Gas 1, H220; Press. Gas (Comp.), H280	10 - <15%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane ⚠ Flam. Gas 1, H220; Press. Gas (Comp.), H280	5 - <10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane ⚠ Flam. Gas 1, H220; Press. Gas (Comp.), H280	3 - <5%
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	1 - <3%
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	1 - <3%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons	≥30%
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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 into the fresh air.

Remove soiled clothing

After inhalation:

Supply fresh air.

In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately.

After skin contact:

Generally the product does not irritate the skin.

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. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Dizziness

Drowsiness

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

Carbon dioxide

Fire-extinguishing powder

Water haze

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For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

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

Cool endangered receptacles with water spray.

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.

Keep away from ignition sources.

Ensure adequate ventilation

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:

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

Ensure good ventilation/exhaustion at the workplace.

Buildup of explosive mixtures possible without sufficient ventilation.

Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

Highly volatile, flammable constituents are released during processing.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

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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: 106-97-8 butane

WEL (Great Britain) Short-term value: 1810 mg/m³, 750 ppm
Long-term value: 1450 mg/m³, 600 ppm
Carc (if more than 0.1% of buta-1.3-diene)

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

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): EH40/2011

DNELs

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/m ³ (consumer) (long-term / systemic effects)
		553.5 mg/m ³ (worker) (short-term / local effects)
	DNEL	369 mg/m ³ (worker) (long-term / systemic effects)

PNECs

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))

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.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Respiratory protection:

If the occupational exposure limit is exceeded:

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The following breathing protection is recommended:
 Respiratory filter for organic gases and vapours (Type A)
 Identification colour: Brown
 [DIN EN 14387]
Protection of hands: Not required in normal cases.
Eye protection: Not required in normal cases

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Aerosol
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value:	Not applicable.
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Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	120 - 220 °C (Active ingredient data)

Flash point:	42 °C (DIN 51755) (Active ingredient data)
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Flammability (solid, gas):	Not applicable.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Not determined.
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Explosive properties:	In use, may form flammable/explosive vapour-air mixture.
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Explosion limits:

Lower:	0.6 Vol.% (Main ingredient data) 1,5 Vol.% (Propellant data)
Upper:	7.0 Vol.% (Main ingredient data) 10,9 Vol.% (Propellant data)

Vapour pressure:	Not determined.
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Density at 20 °C:	0.76 - 0.77 g/cm ³ (Active ingredient data)
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Relative density	Not determined.
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Vapour density	Not determined.
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Evaporation rate	Not determined.
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Solubility in / Miscibility with water:

	Not miscible or difficult to mix.
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Partition coefficient: n-octanol/water:	Not determined.
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Viscosity:

Flow time at 20 °C	10 - 15 s (DIN EN ISO 2431/4mm) (Active ingredient data)
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Kinematic at 40 °C:	< 20.5 mm ² /s (Active ingredient data)
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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 Develops readily flammable gases/fumes.

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10.4 Conditions to avoid

An increase in pressure may lead to bursting.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Keep ignition sources away - Do not smoke.

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 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:

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>5,000 mg/m ³ (rat) (OECD 403)

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)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

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

CMR effects (carcinogenicity, mutagenicity and toxicity for 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.

SECTION 12: Ecological information

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

Aquatic toxicity:

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics

LLO 96 h	1,000 mg/l (Oncorhynchus mykiss)
NOEC/NOEL	0.011 mg/l (Daphnia magna) (21d)
NOELR 72 h	1,000 mg/l (Pseudokirchneriella subcapitata)
NOELR 21d	≥1 mg/l (Daphnia magna)
ELO 48 h	1,000 mg/l (Daphnia magna)
ELO 72 h	1,000 mg/l (Pseudokirchneriella subcapitata)

CAS: 106-97-8 butane

LC50 / 96 h	27.98 mg/l (fish)
EC50 / 4 d	7.71 mg/l (algae)

CAS: 74-98-6 propane

LC50 / 96 h	27.98 mg/l (fish)
EC50 / 96 h	7.71 mg/l (algae)

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CAS: 75-28-5 isobutane

LC50 / 96 h	27.98 mg/l (fish)
EC50 / 4 d	7.71 mg/l (algae)

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)

12.2 Persistence and degradability**CAS: 107-98-2 1-Methoxy-2-propanol**

Biodegradation 90-100 % (OECD 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

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics:

Highly volatile, will partition rapidly to air.

Additional ecological information:**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment Not applicable.

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**

Disposal / product + Disposal / contaminated packaging

15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information**14.1 UN-Number**

ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR



Class

2 5F Gases.

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Label 2.1

IMDG, IATA



Class 2.1
Label 2.1

14.4 Packing group
ADR, IMDG, IATA Void

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user see Sections 6-8
Warning: Gases.

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

Transport/Additional information:

ADR
Limited quantities (LQ) 1L
Transport category 2
Tunnel restriction code D

UN "Model Regulation": UN1950, AEROSOLS, 2.1

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

H220 Extremely flammable gas.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

Classification according to Regulation (EC) No 1272/2008

Aerosols On basis of test data

Abbreviations and acronyms:

vPvB: very persistent and very bioaccumulative

PBT: persistent, bioaccumulative, toxic

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

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LC = lethal 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. Gas 1: Flammable gases – Category 1
 Aerosol 1: Aerosols – Category 1
 Press. Gas (Comp.): Gases under pressure – Compressed gas
 Flam. Liq. 3: Flammable liquids – Category 3
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 Asp. Tox. 1: Aspiration hazard – Category 1

Version history and indication of changes: Replaces version 5.00.

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

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