

Printing date 15.12.2023 Version: 6.00 (replaces version 5.01) Revision: 05 07 2022

## 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

Application of the substance / the mixture

Car care product Detergents

Consumer uses: Private households / general public / consumers

Professional uses

Uses advised against None

## 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

Aerosol 1 H222 Extremely flammable aerosol

H229 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 GB CLP regulation.

Hazard pictograms



GHS02

## Signal word Danger

## Hazard statements

H222 Extremely flammable aerosol.

H229 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.

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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:

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:** Preparation of propellent 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 1A, H220; Press. Gas (Comp.), H280	10-<15%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	3-<5%
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%
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%
Regulation (EC) No 648/2004 on	detergents / Labelling for contents	

aliphatic hydrocarbons ≥30%

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:

Wash the areas of skin affected with water and a mild detergent.

If symptoms persist consult doctor.

## After eve contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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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

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 (NOx)

## 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 Ensure adequate ventilation For non-emergency personnel

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale gases / fumes / aerosols.

For emergency responders 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:

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.

Buildup of explosive mixtures possible without sufficient ventilation.

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#### 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.

Observe local/state/federal regulations.

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.

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

8.1 Control parame			
Ingredients with lin	nit values that require monitoring at the workplace:		
CAS: 106-97-8 buta	CAS: 106-97-8 butane		
WEL (Great Britain)	Short-term value: 1810 mg/m³, 750 ppm		
	Long-term value: 1450 mg/m³, 600 ppm		
05/ // / 0	Carc (if more than 0.1% of buta-1.3-diene)		
OEL (Ireland)	Short-term value: 1000 ppm		
CAS: 74-98-6 propa			
OEL (Ireland)	Asphx		
CAS: 75-28-5 isobu	ıtane		
OEL (Ireland) Short-term value: 1000 ppm			
CAS: 107-98-2 1-Me	ethoxy-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		
OEL (Ireland)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm IOELV		
CAS: 34590-94-8 D	ipropylene 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		

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Regulatory information

WEL (Great Britain): EH40/2020

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

IOELV (EU): (EU) 2019/1831

DNELs		
CAS: 107	CAS: 107-98-2 1-Methoxy-2-propanol	
Oral	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)

#### **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.

## 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.

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:

The following breathing protection is recommended:

Respiratory filter for organic gases and vapours (Type A)

Identification colour: Brown

[DIN EN 14387]

Hand protection Not required in normal cases.

Eye/face protection Not required in normal cases

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

**General Information** 

 Physical state
 Fluid

 Colour:
 Colourless

 Odour:
 Characteristic

 Melting point/freezing point:
 Undetermined.

Boiling point or initial boiling point and boiling

range Not applicable, as aerosol.

Flammability Not applicable.

Extremely flammable aerosol.

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Lower and upper explosion limit

0.5 Vol % (Hydrocarbons, C11-C12, isoalkanes, < 2% Lower:

aromatics)

Upper: 8.5 Vol % (CAS: 106-97-8 butane)

42 °C (DIN 51755) Flash point: (Active ingredient data)

Decomposition temperature: Not determined. Not applicable.

pН Viscosity:

Kinematic viscosity

Not determined.

Not determined.

Not determined.

Not miscible or difficult to mix.

Solubility water:

Partition coefficient n-octanol/water (log value) Vapour pressure: Density and/or relative density

0.76-0.77 g/cm3

Density at 20 °C: Vapour density Not determined.

9.2 Other information

Appearance:

Form: Aerosol

Important information on protection of health and

environment, and on safety.

Ignition temperature: Not determined.

Explosive properties: In use, may form flammable/explosive vapour-air

mixture.

Change in condition

Not determined. Evaporation rate

Information with regard to physical hazard classes

**Explosives** Void Flammable gases Void

Aerosols

Extremely flammable aerosol.

Pressurised container: May burst if heated.

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 Substances and mixtures, which emit flammable gases in contact with water Void Void

**Oxidising liquids** Oxidising solids Void Organic peroxides Void Corrosive to metals Void 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 Develops readily flammable gases/fumes.

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.

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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 hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50	LD/LC50 values relevant for classification:			
Hydrocar	Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics			
Oral	Oral LD50 >5,000 mg/kg (rat) (OECD 401)			
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)		
Inhalative	nhalative   LC50 / 4h   >5,000 mg/m³ (rat) (OECD 403)			
CAS: 107	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)		

Skin corrosion/irritation Long-term exposure causes slight irritation of the skin.

#### Serious eye damage/irritation

May cause slight, short-term eye complaints.

Based on available data, the classification criteria are not met.

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.

Aquatic toxic	city:
Hydrocarbor	ns, C11-C12, isoalkanes, < 2% aromatics
LLO 96 h	1,000 mg/l (Oncorhynchus mykiss)
NOELR 72 h	>1,000 mg/l (Pseudokirchneriella subcapitata)
NOELR 21d	≥1 mg/l (Daphnia magna)
NOEC / 28d	0.209 mg/l (Oncorhynchus mykiss)
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: 74-98-0	propane
LC50 / 96 h	27.98 mg/l (fish)
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EC50 / 96 h	7.71 mg/l (algae)
CAS: 75-28-	5 isobutane
LC50 / 96 h	27.98 mg/l (fish)
EC50 / 4 d	7.71 mg/l (algae)
CAS: 107-98	2-2 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 Persist	ence and degradability
CAS: 107-98	R-2 1-Methoxy-2-propanol
Biodegradati	on 90-100 % (OEECD 301E)
12.3 Bioacc	umulative potential
CAS: 107-98	3-2 1-Methoxy-2-propanol
log Kow ≤0.4	43 (25°C)

## 12.4 Mobility in soil

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

Highly volatile, will partition rapidly to air.

## 12.5 Results of PBT and vPvB assessment

#### PRT

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:

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

Disposal / product + Disposal / contaminated packaging

15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP3	Flammable

## Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
14.1 UN number or ID number		
ADR/RID/ADN, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
ADR/RID/ADN	1950 AEROSOLS	
IMDG	AEROSOLS	
IATA	AEROSOLS, flammable	
	/Com	td on r

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# 14.3 Transport hazard class(es)

## ADR/RID/ADN



Class 2 5F Gases.

Label

IMDG, IATA



Class 2.1 Gases.

Label 2.1

14.4 Packing group ADR/RID/ADN, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant: No

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

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

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:

Directive 2010/75/EU (VOC) 99.62 %

Catégorie SEVESO (DIRECTIVE 2012/18/EU) P3a FLAMMABLE AEROSOLS

**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.



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# 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, Section 2.3.1 On basis of test data

Date of previous version: 22.04.2021 Version number of previous version: 5.01

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

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

Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols - Category 1

: Aerosols – Category 3

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

<sup>\*</sup> Data compared to the previous version altered.