

Printing date 17.03.2023 Version: 2.00 (replaces version 1.02) Revision: 19.11.2021

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

## 1.1 Product identifier

Trade name: SONAX Adhesive Residue Remover

Article number: 04773000

**UFI:** 48G3-E04X-U008-YVDM

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

Application of the substance / the mixture

Consumer uses: Private households / general public / consumers

Professional uses Detergents

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.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

#### 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 GHS07

## Signal word Danger

## Hazard-determining components of labelling:

1-Methoxy-2-propanol

propan-2-ol

#### Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

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H336 May cause drowsiness or dizziness.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

smokina.

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

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

P264 Wash thoroughly after handling.

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

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

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

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

regulations.

#### 2.3 Other hazards

#### Results of PBT and vPvB assessment

#### PRT.

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: Formulation consisting of pressurised gas and solvents.

Dangerous components:		
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	50-<75%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol	25-<50%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane ♦ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-<10%
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	1-<3%

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

Additional information: For the wording of the listed hazard phrases refer to section 16.

≥5 - <15%



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## SECTION 4: First aid measures

#### 4.1 Description of first aid measures

#### General information:

Take affected persons out of danger area and lay down.

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.

In case of unconsciousness place patient stably in side position for transportation.

#### After skin contact:

Generally the product does not irritate the skin.

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

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

Headache

Dizziness

**Drowsiness** 

Nausea

Eye irritation

#### 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:

Alcohol resistant 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)

#### 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

Keep away from ignition sources.

Wear protective clothing.

For emergency responders Wear protective equipment. Keep unprotected persons away.

## 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

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Inform respective authorities in case of seepage into water course or sewage system.

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 Ensure good ventilation/exhaustion at the workplace. 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.

Fumes can combine with air to form an explosive mixture.

Protect against electrostatic charges.

## 7.2 Conditions for safe storage, including any incompatibilities

#### 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:

Store receptacle in a well ventilated area.

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

Protect from heat and direct sunlight.

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

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	
OEL (Ireland)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm IOELV	



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(Contd. of page 4) CAS: 67-63-0 propan-2-ol WEL (Great Britain) Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm Short-term value: 400 ppm OEL (Ireland) Long-term value: 200 ppm Sk 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) Short-term value: 1000 ppm OEL (Ireland) CAS: 74-98-6 propane OEL (Ireland) Asphx CAS: 75-28-5 isobutane OEL (Ireland) Short-term value: 1000 ppm

Regulatory information WEL (Great Britain): EH40/2020 IOELV (EU): (EU) 2019/1831

OEL (Ireland): 2020 CoP for the Safety, Health and Welfare at Work

CAS: 107		-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: 67-63-0 propan-2-ol			
Oral	DNEL	26 mg/kg (consumer) (chornic effects (1d))	
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d))	
		888 mg/kg (worker) (chronic effects (1d))	
Inhalative	DNEL	89 mg/m³ (consumer) (chronic 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))

## CAS: 67-63-0 propan-2-ol

PNEC | 140.9 mg/l (sporadic release)

2,251 mg/l (STP)

140.9 mg/l (water (fresh water)) 140.9 mg/l (water (sea water))

PNEC 28 mg/kg (gro)

552 mg/kg (sediment)

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

## 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:

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 Safety glasses IEN 1661

## SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**General Information** 

Physical state Colour: Colourless Odour: Alcohol-like Melting point/freezing point: Undetermined.

Boiling point or initial boiling point and boiling

82 °C (CAS: 67-63-0 propan-2-ol) range Extremely flammable aerosol. **Flammability** 

Lower and upper explosion limit

Lower: 2 Vol % (CAS: 67-63-0 propan-2-ol) Upper: 13 Vol % (CAS: 67-63-0 propan-2-ol) Not applicable, as aerosol.

Flash point:

Decomposition temperature: Not determined. pН Not applicable.

Viscosity:

Kinematic viscosity at 40 °C <20.5 mm<sup>2</sup>/s

(Active ingredient data)

No further relevant information available.

Solubility

Fully miscible. water: Partition coefficient n-octanol/water (log value) Not determined.

Density and/or relative density

Vapour pressure at 20 °C: 43 hPa (CAS: 67-63-0 propan-2-ol)

Density at 20 °C: 0.87 - 0.88 g/cm3 (Active ingredient data)

Vapour density Not determined.

9.2 Other information Appearance:

Form: Aerosol

Important information on protection of health and

environment, and on safety.

Auto-ignition temperature: Not determined.

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

mixture.

Change in condition Evaporation rate Not applicable.

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Information with regard to physical hazard classes **Explosives** Void Flammable gases Aerosols >85% (percent by mass) flammable components, combustion energy >30 kJ/g 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 **Oxidising liquids** Void 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

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

An increase in pressure may lead to bursting.

Keep ignition sources away - Do not smoke.

See Section 7 for information on safe handling.

10.5 Incompatible materials:

strong oxidizing agents

strong acids

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 v	LD/LC50 values relevant for classification:			
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)		
CAS: 67-6	CAS: 67-63-0 propan-2-ol			
Oral	LD50	5,840 mg/kg (rat)		
Dermal	LD50	13,900 mg/kg (rabbit)		
Inhalative	LC50 / 6 h	>25 mg/l (rat) (OECD 403)		

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

Serious eye damage/irritation Causes serious eye irritation.

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

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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 May cause drowsiness or dizziness.

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.

Additional toxicological information:

Values relevant for classification:

CAS: 67-63-0 propan-2-ol

Oral NOAEL 400 mg/kg/day (rat)

### 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 tox	Aquatic toxicity:		
CAS: 107-98	8-2 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: 67-63-	-0 propan-2-ol		
LC50 / 96h	9,640 mg/l (Pimephales promelas)		
LC50 / 24h	9,714 mg/l (daphnia)		
EC50	>100 mg/l (bacteria)		
EC50 / 72h	>100 mg/l (algae)		
LOEC	1,000 mg/l (algae)		
CAS: 106-9	7-8 butane		
LC50 / 96 h	27.98 mg/l (fish)		
EC50 / 4 d	7.71 mg/l (algae)		
CAS: 74-98-			
	27.98 mg/l (fish)		
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)		
12.2 Persist	tence and degradability		
CAS: 107-98	8-2 1-Methoxy-2-propanol		
Biodegradat	ion 90-100 % (OEECD 301E)		
CAS: 67-63-	-0 propan-2-ol		
Biodegradat	ion   53 %		

log Kow ≤0.43 (25°C)

12.4 Mobility in soil No further relevant information available.

12.3 Bioaccumulative potential CAS: 107-98-2 1-Methoxy-2-propanol

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## 12.5 Results of PBT and vPvB assessment

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.

12.7 Other adverse effects No further relevant information available.

Additional ecological information:

General notes: The product may not be released into the environment without control.

## **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*	10* packaging containing residues of or contaminated by hazardous substances		
HP3	Flammable		
HP4	HP4 Irritant - skin irritation and eye damage		
HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity			

#### Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

CECT	ON 44.	Tuesday	 E	4
SECTI	ON 14:	Transport	(O) (Mai	4(0)11

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

## 14.3 Transport hazard class(es)

### ADR/RID/ADN



Class 2 5F Gases.

Label 2.

### IMDG, IATA



Class 2.1 Gases.

14.4 Packing group

ADR/RID/ADN, IMDG, IATA Void

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(Contd. of page 9) 14.5 Environmental hazards: Marine pollutant: No 14.6 Special precautions for user 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 D Tunnel restriction code UN "Model Regulation": UN 1950 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) 100.00 %

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 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

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Classification according to Regulation (EC) No 1272/2008		
Aerosols	On basis of test data	
	The classification of the mixture is generally based on the	
	calculation method using substance data according to	
	Regulation (EC) No 1272/2008.	

#### Version number of previous version: 1.02

### 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

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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

Acrosols - Category 3

Press. Gas (Comp.): Gases under pressure - Compressed gas

Flam. Liq. 2: Flammable liquids - Category 2

Flam. Liq. 3: Flammable liquids - Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

\* Data compared to the previous version altered.