

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

Printing date 20.11.2017

Version: 4

Revision: 10.10.2017

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

1.1 Product identifier

Trade name: SONAX ProfiLine Adhesive Residue Remover

Article number: 253500

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

PC9a Coatings and paints, thinners, paint removers

PC35 Washing and cleaning products (including solvent based products)

Application of the substance / the mixture Industrial cleaner

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

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

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 CLP regulation.

Hazard pictograms



GHS02 GHS07

Signal word

Danger

Hazard-determining components of labelling:

1-Methoxy-2-propanol

propan-2-ol

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

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

P261 Avoid breathing vapours.

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.

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

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2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Description: Solvent mixture

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 ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; ⚠ STOT SE 3, H336	25-50%

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: Remove soiled clothing

After inhalation: Supply fresh air; consult doctor in case of complaints.

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

Eye irritation

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:**

Water spray

Alcohol resistant foam

Fire-extinguishing powder

Carbon dioxide

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)

5.3 Advice for firefighters**Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

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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

Keep away from ignition sources.

Ensure adequate ventilation

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.

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

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.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Provide solvent resistant, sealed floor.

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

Further information about storage conditions:

Keep container tightly sealed.

Store receptacle in a well ventilated area.

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: 107-98-2 1-Methoxy-2-propanol

WEL (Great Britain)	Short-term value: 560 mg/m ³ , 150 ppm
	Long-term value: 375 mg/m ³ , 100 ppm
Sk	

IOELV (EU)	Short-term value: 568 mg/m ³ , 150 ppm
	Long-term value: 375 mg/m ³ , 100 ppm
Skin	

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

WEL (Great Britain)	Short-term value: 1250 mg/m ³ , 500 ppm
	Long-term value: 999 mg/m ³ , 400 ppm

DNELs

CAS: 107-98-2 1-Methoxy-2-propanol

Oral	DNEL	3.3 mg/kg (consumer) (long-term / systemic effects)
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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) 369 mg/m ³ (worker) (long-term / systemic effects)

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

Oral	DNEL	26 mg/kg (consumer) (chronic effects (1d))
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d)) 888 mg/kg (worker) (chronic effects (1d))
Inhalative	DNEL	89 mg/m ³ (consumer) (chronic effects) 500 mg/m ³ (worker) (chronic effects)

PNECs**CAS: 107-98-2 1-Methoxy-2-propanol**

PNEC	100 mg/l (STP) 2.47 mg/kg (gro) 41.6 mg/kg (sediment (fresh water)) 4.17 mg/kg (sediment (sea water)) 100 mg/l (water (intermittent release)) 10 mg/l (water (fresh water)) 1 mg/l (water (sea water))
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CAS: 67-63-0 propan-2-ol

PNEC	28 mg/kg (gro) 552 mg/kg (sediment (fresh water)) 552 mg/kg (sediment (sea water)) 140.9 mg/l (water (fresh water)) 140.9 mg/l (water (sea water))
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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.

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]

Protection of hands: Not required in normal cases

Eye protection:

Safety glasses

[EN 166]

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

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

pH-value: Not applicable.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	82 - 122 °C

Flash point: 21 °C (DIN 51755)

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Not determined.

Explosion limits:

Lower:	Explosion limits components: 2 Vol% (propan-2-ol data) 1,5Vol.% (Main ingredient data)
Upper:	Explosion limits components: 12 Vol% (propan-2-ol data) 13,7Vol% (Main ingredient data)

Vapour pressure: Not determined.

Density at 20 °C: 0,87 - 0,88 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C: 10 - 12 s (DIN EN ISO 2431/4mm)

Dynamic: Not determined.

Kinematic: Not determined.

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: No dangerous reactions known.

10.4 Conditions to avoid

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.

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Acute toxicity Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****CAS: 107-98-2 1-Methoxy-2-propanol**

Oral	LD50	4016 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC0 / 6h	>7000 ppm (rat)

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

Oral	LD50	5280 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/8h	47.5 mg/m ³ (rat)

Primary irritant effect:**Skin corrosion/irritation**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

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**

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.**SECTION 12: Ecological information****12.1 Toxicity** There are no ecotoxicological data available on this mixture.**Aquatic toxicity:****CAS: 107-98-2 1-Methoxy-2-propanol**

EC50	>1000 mg/l (Pseudokirchneriella subcapitata) (7d)
EC50/3h	>1000 mg/l (activated sludge) (OECD 209)
LC 50 / 96 h	>6800 mg/l (Leuciscus idus) (DIN38412)
LC50 / 48h	23300 mg/l (Daphnia magna)

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

EC10 / 18h	5175 mg/l (Pseudomonas putida) (DIN 38412)
EC50	>1000 mg/l (activated sludge)
EC50 / 48h	13299 mg/l (Daphnia magna)
EC50 / 72h	>1000 mg/l (algae)
LC 50 / 96 h	9640 mg/l (Pimephales promelas)

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

Biodegradation 90 - 100 % (OECD 301E)

CAS: 67-63-0 propan-2-olBiodegradation 99.9 % (Coupled Units Test, OECD 303A)
95 % (21d (OECD 301 E))**12.3 Bioaccumulative potential****CAS: 107-98-2 1-Methoxy-2-propanol**

log Kow -0.43 log Kow (25°C)

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

log POW | 0.05 log POW (OECD 107)

12.4 Mobility in soil No further relevant information available.**Additional ecological information:****General notes:** The product may not be released into the environment without control.**12.5 Results of PBT and vPvB assessment****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**

Dangerous waste in accordance with the Directive on the List of Waste Materials

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste must be disposed of while observing the local, official regulations.

European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

20 01 13* solvents

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

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

ADR, IMDG, IATA

UN1993

14.2 UN proper shipping name

ADR

1993 FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, 1-METHOXY-2-PROPANOL)

IMDG, IATA

FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, 1-METHOXY-2-PROPANOL)

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class

3 Flammable liquids.

Label

3

14.4 Packing group

ADR, IMDG, IATA

II

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user Warning: Flammable liquids.**Transport/Additional information:**

ADR

Transport category

2

Tunnel restriction code

D/E

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UN "Model Regulation": UN1993, FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), 1-METHOXY-2-PROPANOL), 3, II

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Abbreviations and acronyms:

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

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. 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.**