

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

### 1.1 Product identifier

**Trade name:** SONAX TAR REMOVER

**Article number:** 304505.03, 304900-050

### 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** PC35 Washing and cleaning products (including solvent based products)

**Application of the substance / the preparation** 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 Directive 67/548/EEC or Directive 1999/45/EC**

 Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.

R10-52/53-66-67: Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

#### Information concerning particular hazards for human and environment:

Contact with skin and inhalation of aerosols/ vapours of the preparation should be avoided.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

### 2.2 Label elements

#### Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

#### Code letter and hazard designation of product:

Xn Harmful

#### Hazard-determining components of labelling:

hydrocarbons

#### Risk phrases:

10 Flammable.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

#### Safety phrases:

23 Do not breathe vapour.

24 Avoid contact with skin.

51 Use only in well-ventilated areas.

### 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:** Solvent-emulsion mixture**Dangerous components:**

EC number: 927-241-2 Reg.nr.: 01-2119471843-32-XXXX	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics ☒ Xn R65 R10-52/53-66-67 ☒ Flam. Liq. 3, H226; ☒ Asp. Tox. 1, H304; ☒ STOT SE 3, H336; Aquatic Chronic 3, H412	25-50%
EC number: 926-141-6 Reg.nr.: 01-2119456620-43-XXXX	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics ☒ Xn R65 R66 ☒ Asp. Tox. 1, H304	25-50%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35-XXXX	Hydrocarbons, C9, aromatics ☒ Xn R65; ☒ Xi R37; ☒ N R51/53 R10-66-67 ☒ Flam. Liq. 3, H226; ☒ Asp. Tox. 1, H304; ☒ Aquatic Chronic 2, H411; ☒ STOT SE 3, H335-H336	5-10%

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

aliphatic hydrocarbons	≥ 30%
aromatic hydrocarbons	5 - 15%

**Additional information:**

Hydrocarbon mixture:

Benzene content &lt; 0.1%

Note: Any entry in the EC column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 15 for additional CAS number information for the substance.

For the wording of the listed risk 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.

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.

**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**

Headache

Dizziness

Drowsiness

Nausea

Reddening, drying and crack formation of the skin

**4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed or in case of vomiting, danger of entering the lungs.

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

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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**

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**

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:**

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Protect from frost.

Recommended storage temperature: 20 °C.

**Storage class:** 3**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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs****Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral DNEL 300 mg/kg bw/day (consumer) (ChronicExposure, SystemicEffects)

Dermal DNEL 300 mg/kg bw/day (consumer) (ChronicExposure, SystemicEffects)

300 mg/kg bw/day (worker) (ChronicExposure, SystemicEffects)

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Inhalative	DNEL	900 mg/m <sup>3</sup> (consumer) (ChronicExposure, SystemicEffects) 1500 mg/m <sup>3</sup> (worker) (ChronicExposure, SystemicEffects)
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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:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

##### Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

[EN 374]

**Penetration time of glove material** Value for the permeation: Level  $\leq 6$  ( $\geq 480$ min)

##### Eye protection:

Safety glasses

[EN 166]

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Light brown
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

<b>pH-value:</b>	Not applicable.
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##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	110 - 270 °C

<b>Flash point:</b>	37 °C (DIN 51755)
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<b>Flammability (solid, gaseous):</b>	Not applicable.
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##### Ignition temperature:

<b>Decomposition temperature:</b>	Not determined.
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<b>Self-igniting:</b>	Not determined.
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<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
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##### Explosion limits:

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<b>Lower:</b>	Explosion limits components: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics: 0,6Vol%
<b>Upper:</b>	Explosion limits components: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics: 7,0Vol%
<b>Vapour pressure:</b>	Not determined.
<b>Density at 20 °C:</b>	0.78 - 0.79 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Flow time at 20 °C</b>	10 - 12 s (DIN EN ISO 2431/4mm)
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>9.2 Other information</b>	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.

**Acute toxicity:**

**LD/LC50 values relevant for classification:**

**Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4h	>4951 mg/l (rat) (OECD 403)

**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/8h	>5000 mg/m <sup>3</sup> (rat) (OECD 403)

**Hydrocarbons, C9, aromatics**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

**Primary irritant effect:**

**on the skin:**

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

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Long-term exposure causes slight irritation of the skin.

**on the eye:**

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

May cause slight, short-term eye complaints.

**Sensitization:**

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

**Repeated dose toxicity**

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

**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to reproduction.

**SECTION 12: Ecological information****12.1 Toxicity**

Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

**Aquatic toxicity:****Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

EL50 / 48h	>22 - <46 mg/l (Daphnia magna)
EL50 / 72h	>1000 mg/l (Pseudokirchneriella subcapitata)
LL50 / 96h	>10 - <30 mg/l (Oncorhynchus mykiss)
NOELR 72 h	< 1 mg/l (Pseudokirchneriella subcapitata)

**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

ELO 48 h	1000 mg/l (Daphnia magna)
ELO 72 h	1000 mg/l (Pseudokirchneriella subcapitata)
LLO 96 h	1000 mg/l (Oncorhynchus mykiss)

**Hydrocarbons, C9, aromatics**

EL50 / 48h	3.2 mg/l (Ceriodaphnia Dubia)
EL50 / 72h	2.6-2.9 mg/l (Pseudokirchneriella subcapitata)
LL50 / 96h	9.2 mg/l (Oncorhynchus mykiss)

**12.2 Persistence and degradability****Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Biodegradation	>70 % (-) (28d)
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**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

Biodegradation	69 % (-) (28d)
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**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Highly volatile, will partition rapidly to air.

**Additional ecological information:**

**General notes:** Do not allow product to reach ground water, water course or sewage system.

**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**

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

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

**European waste catalogue**

- 1) Disposal / product
- 2) Disposal / contaminated packaging

20 01 13*	solvents
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15 01 10\* packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

#### 14.1 UN-Number

ADR, IMDG, IATA UN3295

#### 14.2 UN proper shipping name

ADR 3295 HYDROCARBONS, LIQUID, N.O.S.  
IMDG, IATA HYDROCARBONS, LIQUID, N.O.S.

#### 14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class 3 Flammable liquids.  
Label 3

#### 14.4 Packing group

ADR, IMDG, IATA III

#### 14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Warning: Flammable liquids.

#### Transport/Additional information:

ADR

Transport category 3  
Tunnel restriction code D/E

### SECTION 15: Regulatory information

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

The following substance(s) in this product is (are) identified by CAS number either in countries not subject to the REACH regulation or in regulations not yet updated with the new naming convention for hydrocarbon solvents.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics: CAS 64742-48-9

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics: CAS 64742-47-8

Hydrocarbons, C9, aromatics : CAS 64742-95-6

SEVESO category (96/82/EC): 6

#### 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

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

R10 Flammable.

R37 Irritating to respiratory system.

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*R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

*R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

*R65 Harmful: may cause lung damage if swallowed.*

*R66 Repeated exposure may cause skin dryness or cracking.*

*R67 Vapours may cause drowsiness and dizziness.*

**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal Concentration

EC50 = half maximal effective concentraion

log POW = Octanol / water partition coefficient

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

VOC: Volatile Organic Compounds (USA, EU)

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