

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

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

### 1.1 Product identifier

**Trade name:** SONAX HARTWAX

**Article number:**

03011000-540, 03019050-050

**UFI:** 40G3-W02R-W00S-YUNE

### 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 PC31** Polishes and wax blends

**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](mailto: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. 3 H226 Flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

### 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

GHS08

**Signal word** Danger

#### Hazard-determining components of labelling:

C9-10 Alkane/Cycloalkane

#### Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

#### 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 smoking.

P261 Avoid breathing vapours.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

(Contd. on page 2)

GB

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

Trade name: SONAX HARTWAX

(Contd. of page 1)

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

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

Buildup of explosive mixtures possible without sufficient ventilation.

**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:** Waxes in benzines

**Dangerous components:**

EC No 927-241-2 Reg.nr.: 01-2119471843-32-xxxx	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics Alternative CAS number: 64742-48-9 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336; Aquatic Chronic 3, H412	75-100%
CAS: 93685-81-5 EINECS: 297-629-8	HYDROCARBONS, C4, 1,3-BUTADIENE-FREE, POLYMD., TRIISOBUTYLENE FRACTION, HYDROGENATED Alternative CAS number: 13475-82-6 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; Aquatic Chronic 4, H413	1-<3%

**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 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:** 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

Carbon dioxide

Fire-extinguishing powder

Water haze

(Contd. on page 3)

GB

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

**Trade name: SONAX HARTWAX**

(Contd. of page 2)

**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 and carbon dioxide

**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**

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.

**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.

**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.

(Contd. on page 4)

GB

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

Trade name: SONAX HARTWAX

(Contd. of page 3)

**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)
Inhalative	DNEL	900 mg/m <sup>3</sup> (consumer) (ChronicExposure, SystemicEffects)
		1,500 mg/m <sup>3</sup> (worker) (ChronicExposure, SystemicEffects)

**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: ≥ 0.4 mm

[EN 374]

**Penetration time of glove material** Value for the permeation: Level 6 (≥480min)

**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>	Suspension
<b>Colour:</b>	White
<b>Odour:</b>	Solvent-like
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

**Melting point/freezing point:** Undetermined.

**Initial boiling point and boiling range:** 140 - 162 °C

**Flash point:** 25 °C (DIN 51755)

**Flammability (solid, gas):** Not applicable.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

**Explosive properties:** Not determined.

(Contd. on page 5)

-GB

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

Trade name: SONAX HARTWAX

(Contd. of page 4)

**Explosion limits:****Lower:**Explosion limits components:  
0,6Vol% (Main ingredient data)**Upper:**Explosion limits components:  
7,0Vol.% (Main ingredient data)**Vapour pressure:**

Not determined.

**Density at 20 °C:**0.76 - 0.77 g/cm<sup>3</sup>**Relative density**

Not determined.

**Vapour density**

Not determined.

**Evaporation rate**

Not determined.

**Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

**Partition coefficient: n-octanol/water:**

Not determined.

**Viscosity:****Flow time at 20 °C**

10 - 15 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.**Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral LD50 &gt;5,000 mg/kg (rat) (OECD 401)

Dermal LD50 &gt;5,000 mg/kg (rabbit) (OECD 402)

Inhalative LC50/4d &gt;4,951 mg/l (rat) (OECD 403)

**CAS: 93685-81-5 HYDROCARBONS, C4, 1,3-BUTADIENE-FREE, POLYMD., TRIISOBUTYLENE FRACTION, HYDROGENATED**

Oral LD50 &gt;5,000 mg/kg (rat) (OECD 401)

Dermal LD50 &gt;5,000 mg/kg (rabbit) (OECD 402)

Inhalative LC 50 / 8h &gt;5 mg/l (Ratte) (OECD 403)

**Primary irritant effect:****Skin corrosion/irritation** Long-term exposure causes slight irritation of the skin.**Serious eye damage/irritation** May cause slight, short-term eye complaints.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

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

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

(Contd. on page 6)

-GB-

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

**Trade name: SONAX HARTWAX**

(Contd. of page 5)

**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**Viscosity: < 20,5mm<sup>2</sup>/s (40°C)

May be fatal if swallowed and enters airways.

**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**

LL50 / 96h	>10-<30 mg/l (Oncorhynchus mykiss)
EL50 / 48h	>22-<46 mg/l (Daphnia magna)
EL50 / 72h	>1,000 mg/l (Pseudokirchneriella subcapitata)
NOELR 72 h	<1 mg/l (Pseudokirchneriella subcapitata)

**CAS: 93685-81-5 HYDROCARBONS, C4, 1,3-BUTADIENE-FREE, POLYMD., TRIISOBUTYLENE FRACTION, HYDROGENATED**

LC50 / 96h	>1,000 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (OECD 202)
IC50 / 72h	>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)

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

Biodegradation 89 % (28d)

**CAS: 93685-81-5 HYDROCARBONS, C4, 1,3-BUTADIENE-FREE, POLYMD., TRIISOBUTYLENE FRACTION, HYDROGENATED**

Biodegradation 31.3 % (OECD 301 F)

**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics:

Highly volatile, will partition rapidly to air.

**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**

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.

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

(Contd. on page 7)

GB

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

Trade name: SONAX HARTWAX

(Contd. of page 6)

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

**SECTION 14: Transport information**

**14.1 UN-Number**  
ADR, IMDG, IATA

UN1263

**14.2 UN proper shipping name**  
ADR  
IMDG, IATA

1263 PAINT  
PAINT

**14.3 Transport hazard class(es)**  
ADR, IMDG, IATA



**Class**  
**Label**

3 Flammable liquids.  
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.

**14.7 Transport in bulk according to Annex II of**  
**Marpol and the IBC Code**

Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)**  
**Transport category**  
**Tunnel restriction code**

5L  
3  
D/E

**UN "Model Regulation":**

UN1263, PAINT, 3, III

**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**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

(Contd. on page 8)

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

Printing date 28.10.2020

Version: 4.00

Revision: 14.05.2020

**Trade name: SONAX HARTWAX**

(Contd. of page 7)

H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.

**Classification according to Regulation (EC) No 1272/2008**

<i>Flammable liquids</i>	<i>On basis of test data</i>
<i>Specific target organ toxicity (single exposure) Aspiration hazard Hazardous to the aquatic environment - long-term (chronic) aquatic hazard</i>	<i>The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.</i>

**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)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

**Version history and indication of changes:** Replaces version 3.01.

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