

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

Printing date 28.05.2020

Version: 1.00

Revision: 14.10.2016

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** SONAX XTREME METAL POLISH**Article number:** 02041000**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

PC35 Washing and cleaning products (including solvent based products)

**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

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. Sol. 1 H228 Flammable solid.

**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

**Signal word** Danger**Hazard statements**

H228 Flammable solid.

**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.

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

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**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:** Emulsion of solvents, abrasives and additives

(Contd. on page 2)

GB

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Trade name: SONAX XTREME METAL POLISH

(Contd. of page 1)

**Dangerous components:**

EC No 918-167-1 Reg.nr.: 01-2119472146-39-xxxx	Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics Alternative CAS number: 90622-57-4 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	25 - <50%
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**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons	≥30%
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**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.**After skin contact:**

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

If symptoms persist consult doctor.

**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**

Reddening, drying and crack formation of the skin

**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

Fire-extinguishing powder

Carbon dioxide

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 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**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

Ensure adequate ventilation

**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:**

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

(Contd. on page 3)

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Revision: 14.10.2016

**Trade name: SONAX XTREME METAL POLISH**

(Contd. of page 2)

**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.

Store in cool, dry conditions in well sealed receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.**Further information about storage conditions:**

Protect from heat and direct sunlight.

Keep container tightly sealed.

Store receptacle in a well ventilated area.

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.

**Regulatory information** WEL (Great Britain): EH40/2011**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.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

**Respiratory protection:**

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Protection of hands:** Protective gloves**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 6 ( $\geq 480$ min)**Eye protection:** Not required in normal cases

GB

(Contd. on page 4)

**Safety data sheet**  
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Revision: 14.10.2016

Trade name: SONAX XTREME METAL POLISH

(Contd. of page 3)

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Pasty
Colour:	Light blue
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not applicable.

##### Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	180 - 205 °C

Flash point: Not applicable.

Flammability (solid, gas): Flammable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Not determined.

##### Explosion limits:

Lower:	0.6 Vol.% (Main ingredient data)
Upper:	7.0 Vol.% (Main ingredient data)

Vapour pressure: Not determined.

Density at 20 °C: 1.10 - 1.12 g/cm<sup>3</sup>

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

##### Solubility in / Miscibility with

water: Partly miscible.

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

##### Viscosity:

Dynamic at 20 °C: 20.000 - 35.000 mPas (Sp.7)

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

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, C11-C12, isoalkanes, < 2% aromatics

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
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(Contd. on page 5)

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

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Revision: 14.10.2016

Trade name: SONAX XTREME METAL POLISH

(Contd. of page 4)

Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>4951 mg/m <sup>3</sup> (rat) (OECD 403)

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

On the basis of the available data, the classification criteria are not complied with (Conventional Method).  
Long-term exposure causes slight irritation of the skin.

**Serious eye damage/irritation**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).  
May cause slight, short-term eye complaints.

**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)**

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.

**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.

## SECTION 12: Ecological information

**12.1 Toxicity** There are no ecotoxicological data available on this mixture.

**Aquatic toxicity:****Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics**

LLO 96 h	1000 mg/l (Oncorhynchus mykiss)
NOEC/NOEL	0.011 mg/l (Daphnia magna) (21d)
NOELR 72 h	1000 mg/l (Pseudokirchneriella subcapitata)
NOELR 21d	≥1 mg/l (Daphnia magna)
ELO 48 h	1000 mg/l (Daphnia magna)
ELO 72 h	1000 mg/l (Pseudokirchneriella subcapitata)

**12.2 Persistence and degradability****Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics**

Biodegradation	31.3 % (28d)
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**12.3 Bioaccumulative potential** No further relevant information available.

**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**

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**

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

(Contd. on page 6)

GB

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Trade name: SONAX XTREME METAL POLISH

(Contd. of page 5)

14 06 05*	sludges or solid wastes containing other solvents
15 01 10*	packaging containing residues of or contaminated by hazardous substances

### SECTION 14: Transport information

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

UN3175

**14.2 UN proper shipping name**  
ADR

3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (isoundecane, isododecane)

IMDG, IATA

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (isoundecane, isododecane)

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA



Class

4.1 Flammable solids, self-reactive substances and solid desensitised explosives.

Label

4.1

**14.4 Packing group**  
ADR, IMDG, IATA

II

**14.5 Environmental hazards:**

Marine pollutant:

No

**14.6 Special precautions for user** Warning: Flammable solids, self-reactive substances and solid desensitised explosives.

**Transport/Additional information:**

ADR

Limited quantities (LQ) 1 kg

Transport category 2

Tunnel restriction code E

UN "Model Regulation":

UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ISOUNDECANE, ISODODECANE), 4.1, II

### 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.

**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.

GB

(Contd. on page 7)



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(Contd. of page 6)

**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.

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

Flammable solids | On basis of test data

**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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Sol. 1: Flammable solids – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

GB