

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX ProfiLine Fallout Cleaner Special**Article number:** 513605.02, 513800.02**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**

C; Corrosive

R34: Causes burns.

2.2 Label elements**Labelling according to EU guidelines:****Code letter and hazard designation of product:**

C Corrosive

Hazard-determining components of labelling:

phosphoric acid 80%

oxalic acid

Risk phrases:

34 Causes burns.

Safety phrases:

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37/39 Wear suitable gloves and eye/face protection.

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:** aqueous tenside solution with acids**Dangerous components:**

CAS: 5949-29-1 EINECS: 201-069-1 Reg.nr.: 01-2119457026-42-XXXX	citric acid Xi R36 Eye Irrit. 2, H319	5-10%
CAS: 7664-38-2 EINECS: 231-633-2 Reg.nr.: 01-2119485924-24-XXXX	phosphoric acid 80% C R34 Met. Corr. 1, H290; Skin Corr. 1B, H314	5-10%

(Contd. on page 2)

Trade name: SONAX ProfiLine Fallout Cleaner Special

(Contd. of page 1)

CAS: 6153-56-6

EINECS: 205-634-3

Reg.nr.: 01-2119534576-33-xxxx

oxalic acid

☒ Xn R21/22; ☒ Xi R41

☒ Eye Dam. 1, H318; ☒ Acute Tox. 4, H302; Acute Tox. 4, H312

< 5%

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

anionic surfactants

< 5%

Additional information: 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.

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

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 / Eye damage

Caustic effect on skin and mucous membranes.

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: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture Reacts with base metals forming hydrogen.

5.3 Advice for firefighters

Protective equipment:

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

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.

(Contd. on page 3)

Trade name: SONAX ProfiLine Fallout Cleaner Special

See Section 13 for disposal information.

(Contd. of page 2)

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

When diluting always pour product into water and not vice versa.

Information about fire - and explosion protection: The product is not flammable.**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** Provide acid-resistant floor.**Information about storage in one common storage facility:**

Store away from foodstuffs.

Do not store together with alkalis (caustic solutions).

Further information about storage conditions:

Keep container tightly sealed.

Store receptacle in a well ventilated area.

Protect from frost.

Recommended storage temperature: 20 °C.

Storage class: 8B**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:****7664-38-2 phosphoric acid 80%**

WEL (Great Britain)	Short-term value: 2 mg/m ³ Long-term value: 1 mg/m ³
IOELV (EU)	Short-term value: 2 mg/m ³ Long-term value: 1 mg/m ³

6153-56-6 oxalic acid

IOELV (EU)	Long-term value: 1 mg/m ³
------------	--------------------------------------

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:

Ensure good ventilation/exhaustion at the workplace.

If the occupational exposure limit is exceeded:

Filter P2

[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

Chloroprene rubber, CR

Recommended thickness of the material: ≥ 0.6 mm

[EN 374]

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

(Contd. on page 4)

Trade name: SONAX ProfiLine Fallout Cleaner Special

(Contd. of page 3)

Eye protection:

Tightly sealed goggles

[EN 166]

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 at 20 °C:	0.5-1.0 (10 g/L): 2,0 - 3,0
---------------------------	--------------------------------

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	≥100 °C

Flash point:	Not applicable.
---------------------	-----------------

Flammability (solid, gaseous):	Not applicable.
---------------------------------------	-----------------

Ignition temperature:

Decomposition temperature:	Not determined.
-----------------------------------	-----------------

Self-igniting:	Product is not selfigniting.
-----------------------	------------------------------

Danger of explosion:	Product does not present an explosion hazard.
-----------------------------	---

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure:	Not determined.
-------------------------	-----------------

Density at 20 °C:	1.06 - 1.07 g/cm ³
--------------------------	-------------------------------

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

When diluting, always add acid to water, never vice versa.

Reacts with alkali and metals.

10.4 Conditions to avoid See Section 7 for information on safe handling.

10.5 Incompatible materials: caustic solutions

(Contd. on page 5)

Trade name: SONAX ProfiLine Fallout Cleaner Special

(Contd. of page 4)

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:

5949-29-1 citric acid

Oral	LD50	11700 mg/kg (rat)
------	------	-------------------

Dermal	LD50	>2000 mg/kg (rat)
--------	------	-------------------

7664-38-2 phosphoric acid 80%

Oral	LD50	1530 mg/kg (rat)
------	------	------------------

Dermal	LD50	2740 mg/kg (rabbit)
--------	------	---------------------

6153-56-6 oxalic acid

Oral	LD50	375 mg/kg (rat)
------	------	-----------------

Dermal	LD50	20000 mg/kg (rabbit)
--------	------	----------------------

Primary irritant effect:

on the skin: Caustic effect on skin and mucous membranes.

on the eye: Strong caustic effect.

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).

6153-56-6 oxalic acid

Oral	LOAEL	150 mg/kg (rat) (OECD-Prüfrichtlinie 407)
------	-------	---

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 There are no ecotoxicological data available on this mixture.

Aquatic toxicity:

5949-29-1 citric acid

LC 50	>10000 mg/l (<i>Pseudomonas putida</i>) (16h (OECD 306))
-------	--

	425 mg/l (<i>scenedesmus quadricauda</i>) (168h)
--	--

LC50 / 24h	1535 mg/l (<i>Daphnia magna</i>)
------------	------------------------------------

LC50 / 48h	440 mg/l (<i>Leuciscus idus</i>) (OECD 203)
------------	---

7664-38-2 phosphoric acid 80%

Inhalative	LC50/1	1.69 mg/L (rat)
------------	--------	-----------------

	EC50	270 mg/l (Bel)
--	------	----------------

	LC 50 / 96 h	138 mg/l (<i>Gambusia affinis</i>)
--	--------------	--------------------------------------

6153-56-6 oxalic acid

	EC0	1550 mg/l (<i>Pseudomonas putida</i>)
--	-----	---

	EC50 / 48h	162.2 mg/l (<i>Daphnia magna</i>)
--	------------	-------------------------------------

	LC50 / 48h	160 mg/l (<i>Carassius auratus</i>)
--	------------	---------------------------------------

		160 mg/l (<i>Leuciscus idus melanotus</i>)
--	--	--

12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detergent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

5949-29-1 citric acid

Biodegradation	98 % (-) (2d)
----------------	---------------

6153-56-6 oxalic acid

Biodegradation	89 % (-)
----------------	----------

12.3 Bioaccumulative potential No further relevant information available.

(Contd. on page 6)

Trade name: SONAX ProfiLine Fallout Cleaner Special

(Contd. of page 5)

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

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

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA UN1805

14.2 UN proper shipping name

ADR 1805 PHOSPHORIC ACID, SOLUTION

IMDG, IATA PHOSPHORIC ACID, SOLUTION

14.3 Transport hazard class(es)

ADR

Class 8 Corrosive substances.

IMDG, IATA



Class

8 Corrosive substances.

Label

8

14.4 Packing group

ADR, IMDG, IATA III

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Warning: Corrosive substances.

Transport/Additional information:

ADR

Limited quantities (LQ) 5L

Transport category 3

Tunnel restriction code E

Trade name: SONAX ProfiLine Fallout Cleaner Special

(Contd. of page 6)

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***H290 May be corrosive to metals.**H302 Harmful if swallowed.**H312 Harmful in contact with skin.**H314 Causes severe skin burns and eye damage.**H318 Causes serious eye damage.**H319 Causes serious eye irritation.**R21/22 Harmful in contact with skin and if swallowed.**R34 Causes burns.**R36 Irritating to eyes.**R41 Risk of serious damage to eyes.***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**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**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**IOELV = indicative occupational exposure limit values*