

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

Printing date 11.09.2015

Version: 4

Revision: 26.08.2014

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

1.1 Product identifier

Trade name: SONAX Fallout Cleaner

Article number: 513200, 513400

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 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

Acute Tox. 4 H302 Harmful if swallowed.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful

R21/22: Harmful in contact with skin and if swallowed.

Xi; Sensitising

R43: May cause sensitisation by skin contact.

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



GHS07

Signal word Warning

Hazard-determining components of labelling:

sodium mercaptoacetate

Hazard statements

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing spray.

P280 Wear protective gloves.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

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

CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx	sodium mercaptoacetate solution ☒ Xn R21/22; ☒ Xi R43 ☒ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	15-25%
CAS: 126-92-1 EINECS: 204-812-8 Reg.nr.: 01-2119971586-23-xxxx	Fatty alcohol sulfate ☒ Xi R38-41 ☒ Eye Dam. 1, H318; ☒ Skin Irrit. 2, H315	< 5%
Regulation (EC) No 648/2004 on detergents / Labelling for contents		
anionic surfactants		< 5%
perfumes, Limonene, benzisothiazolinone, methylisothiazolinone, sodium pyrithione		

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:** Remove soiled clothing**After inhalation:** Supply fresh air; consult doctor in case of complaints.**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:

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

sensitization

Headache

Dizziness

Drowsiness

Gastric or intestinal disorders

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** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** The normal measures for firefighting are to be taken.**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

Ensure adequate ventilation

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Wear protective equipment. Keep unprotected persons away.

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:

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 Use only in well ventilated areas.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground.

Provide solvent resistant, sealed floor.

Information about storage in one common storage facility:

Store away from oxidising agents.

Do not store together with alkalis (caustic solutions).

Do not store together with acids.

Store away from foodstuffs.

Further information about storage conditions:

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.

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:

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

Material of gloves

Nitrile rubber, NBR

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Recommended thickness of the material: ≥ 0.4 mm
[EN 374]

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

Eye protection: Not required in normal cases

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Light red
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C: 7.0 - 8.0

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 - 172 °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: 1.11 - 1.12 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 13-20 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 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.

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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:

Oral	ATE	1429 mg/kg (-) (Additivity formula)
Dermal	ATE	>5000 mg/kg (-) (Additivity formula)

367-51-1 sodium mercaptoacetate solution

Oral	LD50	200 - 500 mg/kg (rat) (OECD 423 (Conc. 46%))
Dermal	LD50	1000-2000 mg/kg (rat) (OECD 402 (Conc. 98%))

126-92-1 Fatty alcohol sulfate

Oral	LD50	>2000 mg/kg (rat)
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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

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

Respiratory or skin sensitisation

Result: Causes sensitization
Species: mouse
Method: OECD 429

Repeated dose toxicity

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

CMR effects (carcinogeny, 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:

367-51-1 sodium mercaptoacetate solution

EC50 / 48h	38 mg/l (Daphnia magna) (84/449/EWG (Subs. thioglycolic acid))
EC50 / 72h	13 mg/l (Pseudokirchneriella subcapitata) (OECD 201 (Subs. thioglycolic acid))
LC 50 / 96 h	>100 mg/l (Oncorhynchus mykiss) (OECD 203 (Subs. thioglycolic acid))
LC50 / 48h	880 mg/l (Leuciscus idus) (DIN 38412 / 15 (Subs. thioglycolic acid))

126-92-1 Fatty alcohol sulfate

EC0	>100 mg/l (bacteria) (OECD 209)
LC 50	>100 mg/l (fish) (ISO 7346/2 (semistatic))

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.

367-51-1 sodium mercaptoacetate solution

Biodegradation | 67 % (-) (28d OECD 301d (thioglycolic acid))

126-92-1 Fatty alcohol sulfate

Biodegradation | >60 % (-) (BSB/CSB (OECD 301))

12.3 Bioaccumulative potential

367-51-1 sodium mercaptoacetate solution

log POW | -2.99 log POW (-) (20 °C OECD 107 (thioglycolic acid))

12.4 Mobility in soil No further relevant information available.

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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 Waste must be disposed of while observing the local, official regulations.**European waste catalogue**

1) Disposal / product

2) Disposal / contaminated packaging

20 01 29* detergents containing dangerous substances

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

SECTION 14: Transport information**14.1 UN-Number****ADR, IMDG, IATA**

Void

14.2 UN proper shipping name**ADR**

Void

IMDG, IATA

Void

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

Void

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

Void

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user Not applicable.**UN "Model Regulation":**

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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 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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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H318 Causes serious eye damage.

R21/22 Harmful in contact with skin and if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

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)

ICAO: International Civil Aviation Organisation

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

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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

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

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