

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

Printing date 01.06.2017

Version: 3

Revision: 09.03.2017

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

#### 1.1 Product identifier

**Trade name:** SONAX Wheel Rim Star

**Article number:** 02272180, 02274000

#### 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**

The product is not classified according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** P102 Keep out of reach of children.

**Additional information:**

EUH208 Contains sodium mercaptoacetate. May produce an allergic reaction.

#### 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 (46%) ⚠ Acute Tox. 4, H302; Skin Sens. 1B, H317	5 - <10%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1 - <3%
CAS: 126-92-1 EINECS: 204-812-8 Reg.nr.: 01-2119971586-23-xxxx	sodium etasulfate ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	1 - <3%

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

anionic surfactants	<5%
perfumes, limonene, methylisothiazolinone, benzisothiazolinone, sodium pyrrithione	

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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:**

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:**

Rinse out mouth and then drink plenty of water.

Induce vomiting only, if affected person is fully conscious.

Call for a doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions**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**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:**

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

Protect from frost.

Recommended storage temperature: 20 °C.

**7.3 Specific end use(s)** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### CAS: 111-76-2 2-butoxyethanol

WEL (Great Britain)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 123 mg/m <sup>3</sup> , 25 ppm Sk, BMGV
IOELV (EU)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Skin

#### DNELs

##### CAS: 111-76-2 2-butoxyethanol

Oral	DNEL	13.4 mg/kg (consumer) (acute effect) 3.2 mg/kg (consumer) (chronic effect (24h))
Dermal	DNEL	44.5 mg/kg (consumer) (acute effects (24h)) 38 mg/kg (consumer) (chronic effect (24h)) 89 mg/kg (worker) (acute effect (24h)) 75 mg/kg (worker) (chronic effects (24h))
Inhalative	DNEL	426 mg/m <sup>3</sup> (consumer) (acute effects) 123 mg/m <sup>3</sup> (consumer) (acute effect, local effects) 49 mg/m <sup>3</sup> (consumer) (chronic effect) 663 mg/m <sup>3</sup> (worker) (acute Effect) 246 mg/m <sup>3</sup> (worker) (acute effect, local effects) 98 mg/m <sup>3</sup> (worker) (chronic effects)

#### PNECs

##### CAS: 111-76-2 2-butoxyethanol

PNEC	463 mg/l (STP) 34.6 mg/kg (sediment (fresh water)) 3.46 mg/kg (sediment (sea water)) 2.8 mg/kg (soil) 8.8 mg/l (water (fresh water)) 0.88 mg/l (water (sea water))
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#### Ingredients with biological limit values:

##### CAS: 111-76-2 2-butoxyethanol

BMGV (Great Britain)	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
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**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### 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:** Not required in normal cases

**Eye protection:** Not required in normal cases

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### SECTION 9: Physical and chemical properties

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

##### General Information

##### Appearance:

Form:	Fluid
Colour:	pink
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: 6.8 - 7.8

##### Change in condition

Melting point/freezing point: Undetermined.  
Initial boiling point and boiling range:  $\geq 100$  °C

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

##### Ignition temperature:

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

##### Explosion limits:

Lower: Not determined.  
Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1.05 - 1.06 g/cm<sup>3</sup>

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: 12 - 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: See Section 7 for information on safe handling.

10.5 Incompatible materials: No known incompatible materials.

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:

CAS: 367-51-1 sodium mercaptoacetate solution (46%)

Oral	LD50	200 - 500 mg/kg (rat) (OECD 423 (Conc. 46%))
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Dermal	LD50	1000-2000 mg/kg (rat) (OECD 402 (Conc. 98%))
<b>CAS: 111-76-2 2-butoxyethanol</b>		
Oral	LD0	1414 mg/kg (Gp)
	LD50	1746 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (Gp) (OECD 402)

**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).

**Values relevant for classification:****68515-73-1 alkyl polyglycoside C8-10 [dilution, 10% active substance in water]**

in vitro eye irritation test (OECD 437): IVIS = 1.6

Does not cause eye damage (Eye. Dam. 1) or eye irritation (Eye. Irr. 2) at concentrations ≤ 10%

**Respiratory or skin sensitisation**

Result: Causes no sensitization

Species: mouse

Method: OECD 429

**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:****CAS: 367-51-1 sodium mercaptoacetate solution (46%)**

	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))

**CAS: 111-76-2 2-butoxyethanol**

Oral	EC0/16h	700 mg/l (Pseudomonas putida)
	EC50 / 48h	1550 mg/l (daphnia) (OECD 202)
	EC50 / 72h	1840 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
	LC 50 / 96 h	1474 mg/l (Oncorhynchus mykiss)
	LC0	>3.1 mg/l (Gp)
	NOELR 21d	>100 mg/l (Brachydanio rerio) 100 mg/l (Daphnia magna)

**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.

**CAS: 367-51-1 sodium mercaptoacetate solution (46%)**

Biodegradation	67 % (28d OECD 301d (thioglycolic acid))
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**CAS: 111-76-2 2-butoxyethanol**

Biodegradation 90 % (OECD 301B)

### 12.3 Bioaccumulative potential

**CAS: 367-51-1 sodium mercaptoacetate solution (46%)**

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

**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.

### 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

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

#### European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

20 01 30	detergents other than those mentioned in 20 01 29
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15 01 02	plastic packaging
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## SECTION 14: Transport information

### 14.1 UN-Number

ADR, IMDG, IATA Void

### 14.2 UN proper shipping name

ADR, 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": Void

## 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.

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**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.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

**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)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
IOELV = indicative occupational exposure limit values  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1B: Skin sensitisation – Category 1B

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

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