

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

### 1.1 Product identifier

**Trade name:** SONAX BRILLIANT DRYER

**Article number:** 602600.01, 602705.04, 602800.02, 602941

### 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** PC9a Coatings and paints, thinners, paint removers

**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**

 Xi; Irritant

R36: Irritating to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.2 Label elements

#### Labelling according to EU guidelines:

#### Code letter and hazard designation of product:

Xi Irritant

#### Risk phrases:

36 Irritating to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Safety phrases:

25 Avoid contact with eyes.

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

39 Wear 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:** Tensides, care additives, alcohol in aqueous solution.

#### Dangerous components:

CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol  Xi R36;  F R11 R67  Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336	5-10%
CAS: 95009-13-5 EC number: 305-741-6	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, diesters with vegetable-oil fatty acids, Me sulfates (salts)  Xi R36/38  Skin Irrit. 2, H315;  Eye Irrit. 2, H319	5-10%

(Contd. on page 2)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 1)

CAS: 9004-78-8	Phenol polyethoxilate ☒ Xn R22; ☒ Xi R41 ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	< 5%
CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28-xxxx	3-butoxypropan-2-ol ☒ Xi R36/38 ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	< 5%
CAS: 71750-79-3	Siloxanes and Silicones,3-[(2-aminoethyl)amino]propyl Me,di-Me ☒ C R34 ⚠ Skin Corr. 1B, H314	< 5%
CAS: 1213789-63-9 EINECS: 204-015-5 Reg.nr.: 01-2119473797-19-XXXX	alcyl amines ☒ C R34; ☒ Xn R22-48/22-65; ☒ Xi R37; ☒ N R50/53 ⚠ STOT RE 2, H373; ⚠ Asp. Tox. 1, H304; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; ⚠ STOT SE 3, H335	<1.0%
CAS: 64-19-7 EINECS: 200-580-7	acetic acid 99/100 % ☒ C R35 R10 ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314	<1.0%

**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:** Immediately remove any clothing soiled by the product.

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

**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. Then 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** Eye irritation

**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

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:

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)

Printing date 16.01.2013

Version: 2

Revision: 20.12.2012

Trade name: SONAX BRILLIANT DRYER

(Contd. of page 2)

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling** No special precautions are necessary if used correctly.**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.

**Storage class:** 12**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:****67-63-0 propan-2-ol**WEL (Great Britain) Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 999 mg/m<sup>3</sup>, 400 ppm**64-19-7 acetic acid 99/100 %**IOELV (EU) Long-term value: 25 mg/m<sup>3</sup>, 10 ppm**DNELs****67-63-0 propan-2-ol**

Oral	DNEL	26 mg/kg (consumer) (chronic effects (1d))
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d)) 888 mg/kg (worker) (chronic effects (1d))
Inhalative	DNEL	89 mg/m <sup>3</sup> (consumer) (chronic effects) 500 mg/m <sup>3</sup> (worker) (chronic effects)

**5131-66-8 3-butoxypropan-2-ol**

Oral	DNEL	8.75 mg/kg bw/day (human)
Dermal	DNEL	16 mg/kg bw/day (human) 44 mg/kg bw/day (worker)
Inhalative	DNEL	33.8 mg/m <sup>3</sup> (human) 270.5 mg/m <sup>3</sup> (worker)

**1213789-63-9 alcyl amines**

Dermal	DNEL	0.06 % in mix./weight (worker) (longterm/ local effects) 0.09 mg/kg bw/day (worker) (longterm/ systemic effects)
Inhalative	DNEL	0.38 mg/m <sup>3</sup> (worker) (longterm/ systemic effects)

**PNECs****67-63-0 propan-2-ol**

PNEC	28 mg/kg (gro)
	552 mg/kg (sediment (fresh water))
	552 mg/kg (sediment (sea water))
	140.9 mg/l (water (fresh water))
	140.9 mg/l (water (sea water))

**5131-66-8 3-butoxypropan-2-ol**

PNEC	10 mg/l (PF)
	10 mg/l (STP)
	2.36 mg/kg (sediment (fresh water))
	0.236 mg/kg (sediment (sea water))
	0.16 mg/kg (soil)

(Contd. on page 4)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 3)

	0.525 mg/l (water (fresh water)) 0.0525 mg/l (water (sea water))
<b>1213789-63-9 alcy l amines</b>	
PNEC	0.550 mg/l (STP) 10 mg/kg (gro) 0.0039 mg/kg (sediment) 0.00026 mg/l (water)

**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:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Protection of hands:** Not required in normal cases

##### 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>	Fluid
<b>Colour:</b>	Green
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

<b>pH-value at 20 °C:</b>	5.0 - 6.0 (10g/l): 6,5 - 7,5
---------------------------	---------------------------------

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	82 - 171 °C

<b>Flash point:</b>	41 °C (DIN 51755)
---------------------	-------------------

<b>Flammability (solid, gaseous):</b>	Not applicable.
---------------------------------------	-----------------

##### Ignition temperature:

<b>Decomposition temperature:</b>	Not determined.
-----------------------------------	-----------------

<b>Self-igniting:</b>	Product is not selfigniting.
-----------------------	------------------------------

<b>Danger of explosion:</b>	Product does not present an explosion hazard.
-----------------------------	---

##### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

<b>Vapour pressure:</b>	Not determined.
-------------------------	-----------------

<b>Density at 20 °C:</b>	0.97 - 0.99 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

(Contd. on page 5)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 4)

**Solubility in / Miscibility with water:**

Partly miscible.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**

**Flow time at 20 °C**

12 - 16 s (DIN EN ISO 2431/4mm)

**Dynamic:**

Not determined.

**Kinematic:**

Not determined.

**9.2 Other information**

Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):  
no self-sustained combustion

## 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.

## 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:**

**67-63-0 propan-2-ol**

Oral	LD50	5280 mg/kg (rat)
------	------	------------------

Dermal	LD50	12800 mg/kg (rabbit)
--------	------	----------------------

Inhalative	LC50/8h	47.5 mg/m <sup>3</sup> (rat)
------------	---------	------------------------------

**95009-13-5 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, diesters with vegetable-oil fatty acids, Me sulfates (salts)**

Oral	LD50	>2000 mg/kg (mouse)
------	------	---------------------

**9004-78-8 Phenol polyethoxilate**

Oral	LD50	500-2000 mg/kg (rat) (OECD 423)
------	------	---------------------------------

Dermal	LD50	2140 mg/kg (rabbit)
--------	------	---------------------

**5131-66-8 3-butoxypropan-2-ol**

Oral	LD50	>2000 mg/kg (rat) (OECD 423)
------	------	------------------------------

Dermal	LD50	>2000 mg/kg (rat) (OECD 402)
--------	------	------------------------------

**1213789-63-9 alcy l amines**

Oral	LD50	500 - 2000 mg/kg (rat) (OECD 401)
------	------	-----------------------------------

Dermal	LD50	>2000 mg/kg (rat) (OECD 402)
--------	------	------------------------------

**Primary irritant effect:**

**on the skin:**

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

**on the eye:** Irritating 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).

**1213789-63-9 alcy l amines**

Oral	NOAEL	3.25 mg/kg (rat) (OECD 407)
------	-------	-----------------------------

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

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

GB

(Contd. on page 6)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 5)

## SECTION 12: Ecological information

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

### Aquatic toxicity:

#### 67-63-0 propan-2-ol

EC10 / 18h	5175 mg/l (Pseudomonas putida) (DIN 38412)
EC50	>1000 mg/l (Bel)
EC50 / 48h	13299 mg/l (Daphnia magna)
EC50 / 72h	>1000 mg/l (algae)
LC 50 / 96 h	9640 mg/l (Pimephales promelas)

#### 95009-13-5 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, diesters with vegetable-oil fatty acids, Me sulfates (salts)

EC20	10 mg/l (Bel)
EC50	100 mg/l (Bel)

#### 9004-78-8 Phenol polyethoxilate

EC50	>128 mg/kg (Daphnia magna) (OECD 202)
LC 50 / 96 h	>100 mg/l (fish) (OECD 203)

#### 5131-66-8 3-butoxypropan-2-ol

EC20	>1000 mg/l (Bel) (DIN EN ISO 9192-OECD 20-88/302/EWG, T.C, aerob))
EC50 / 48h	>100 mg/l (Daphnia magna) (OECD 202 (Teil I))
EC50 / 96 h	>1000 mg/l (Grünalge Pseudokirchneriella subcapitata)
EC50/3h	>1000 mg/l (bacteria)
LC 50 / 96 h	>560 -1000 mg/l (Gp) >100 mg/l (Pimephales promelas)
NOEC 96h	560 mg/l (Grünalge Pseudokirchneriella subcapitata)

#### 1213789-63-9 alcyl amines

EC50	223 mg/kg (bacteria) (OECD 209)
EC50 / 48h	0.98 mg/l (daphnia) (OECD 202)
EC50 / 72h	0.46 mg/l (algae) (OECD 201)
LC 50 / 96 h	0.1 - 1 mg/l (Danio rerio) (OECD 203) 4.21 mg/l (Zebrabärbling) (Flusswassertest)
NOEC / 21d	0.013 mg/l (daphnia) (OECD 211 Reproduktionstest)

### 12.2 Persistence and degradability

#### 67-63-0 propan-2-ol

Biodegradation	99.9 % ( - ) (Coupled Units Test, OECD 303A) 95 % (-) (21d (OECD 301 E))
----------------	---

#### 95009-13-5 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, diesters with vegetable-oil fatty acids, Me sulfates (salts)

Biodegradation	>60 % (-) (OECD 301F)
----------------	-----------------------

#### 5131-66-8 3-butoxypropan-2-ol

Biodegradation	80 - 90 % (-) (ISO 14593)
----------------	---------------------------

#### 1213789-63-9 alcyl amines

Biodegradation	>60 % (-) (OECD 301 B)
CSB	2687 mg/g (-)

### 12.3 Bioaccumulative potential

#### 67-63-0 propan-2-ol

log POW	0.05 log POW (-) (OECD 107)
---------	-----------------------------

**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.  
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.

(Contd. on page 7)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 6)

**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

07 06 04*	other organic solvents, washing liquids and mother liquors
15 01 10*	packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

#### 14.1 UN-Number

ADR, ADN, IMDG, IATA                      Void

#### 14.2 UN proper shipping name

ADR, ADN, 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.

**Transport/Additional information:** Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):  
no self-sustained combustion

### 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

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

(Contd. on page 8)

**Trade name: SONAX BRILLIANT DRYER**

(Contd. of page 7)

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

R10 Flammable.

R11 Highly flammable.

R22 Harmful if swallowed.

R34 Causes burns.

R35 Causes severe burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R37 Irritating to respiratory system.

R41 Risk of serious damage to eyes.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

**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

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