

**Identification of the substance or preparation:**

Ultraschallreiniger/ Ultrasonic cleanig concentrate

Revision date: 12.01.2006 / 28.09.2011 Date of printing: 28.09.2011

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)****1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation:****Ultraschallreiniger/ Ultrasonic cleanig concentrate**

Use of the substance/preparation: Ultrasonic cleanig concentrate

Revision date: 12.01.2006 / 28.09.2011

Supplier (manufacturer/importer/  
downstream user/distributor): Deutsche Hahnerol GmbH

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30453 Hannover

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Emergency telephone: 0172 / 545 50 61

**2. Hazards identification****Hazard designation:**

Acidly the eyes and the skin

**3. Composition/information on ingredients****Dangerous ingredients:**

CAS-No.	EC-no.	Chemical term	of (%)	up to (%)	Unit/Content	Dan ger sym bol(s)	Dan ger sym bol(s)	Dan ger sym bol(s)	Dan ger sym bol(s)	R phrases	INDEX no.
111-76-2	203-905-0	2-butoxyethanol	2	8	Gew.-%	Xn				20/21/22-36/38	603-014-00-0
10213-79-3		Natriummetasilikat Pentahydrat	2	5	Gew.-%	C				34-37	

Full text of R-phrases: see section 16.

**Labelling (EU-GHS)**

CAS-No.	EC-no.	Chemical term	Hazard pictograms	Hazard pictograms	Hazard pictograms	Hazard pictograms	Signal word	Hazard statements
111-76-2	203-905-0	2-Butoxyethanol	GHS07				Achtung	332-312-302-319-315

**4. First aid measures****General information:**

Change out of contaminated, saturated clothing.

**After skin contact:**

Water.

**Following eye contact:**

On contact with the eyes, rinse thoroughly with plenty of water and seek medical advice.

**After ingestion:**

Do not induce vomiting.

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**5. Fire fighting measures****Suitable extinguishing media:**

Water.Foam.ABC-powder.Carbon dioxide.

**Special exposure hazards arising from the substance itself, combustion products, resulting gases:**

Carbon monoxide (CO).Carbon dioxide (CO2).

**6. Accidental release measures****Environmental precautions:**

Do not allow to enter into soil/subsoil.

**Methods for cleaning up:**

Clean contaminated floors and objects thoroughly observing environmental regulations.

**7. Handling and storage****Handling:****Information for safe handling:**

Use only in good ventilated areas.

**Storage:****Further information concerning storage conditions:**

Protect from:Frost.

**8. Exposure controls / Personal protection equipment****Personal protection equipment:****Hand protection:** Gloves with long cuffs.**Suitable material:** PVC (polyvinyl chloride).PE (polyethylene).NR (natural rubber, natural latex).CR (polychloroprene, chloroprene rubber).NBR (nitrile rubber).Butyl (butyl rubber).FKM (fluororubber).**Eye protection:** Eye glasses.**9. Physical and chemical properties****General information:****State of matter:** Liquid.**Paint:** Transparent**Odour:** Product specific**Important health, safety and environmental information:**

			Unit	Method
pH:	11	- 13		at °C 20
Flash point (°C):	n.a.		°C	
Ignition temperature in °C:	n.a.		°C	
Density:	1	- 1.1	g/cm <sup>3</sup>	at °C 20
Viscosity:	10	- 200	mPa s	at °C 20

**10. Stability and reactivity****Additional information:**

No hazardous decomposition products if stored and handled as prescribed.No decomposition if used as prescribed.

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**11. Toxicological information****Irritation and etching:**

to skin:Irritant.to eye:Irritant.

**Sensitization:**

Not sensitizing.

**General remarks:**

Has a degreasing effect on the skin.

**12. Ecological information****13. Disposal considerations****Appropriate disposal/Product:****Recommendation:**

Dispose of in compliance with official regulations.

**Contaminated packaging:****Recommendation:**

Completely emptied packages may be recycled.

**Methods for cleaning up:**

Water

**14. Transport information****Overland transport (ADR/RID)****Remark:** No hazardous material as defined by the transport regulations.**15. Regulatory information****Labelling (67/548/EEC or 1999/45/EC):****Danger symbol(s) and danger term(s) for dangerous materials and preparations:** Xn**R phrases:**

R phrases	
R36/38	Irritating to eyes and skin.

**S phrases:**

S phrases	
S1/2	Keep locked up and out of the reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.

**National regulations:****Wassergefährdungsklasse:** 1

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This Saftay data sheet only contains safety-relevant information and does not replace any product information or produkt specification.

**Wording of the r-phrases under paragraph 3:**

R phrases	
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.