

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

Revision: 22.12.2019

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

- **1.1 Product identifier**
- **Trade name:** antischaum\*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation:** Defoamers, Anti-foaming agent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Aquaservice Industrierwasserrecycling GmbH  
Josef-Burger-Str. 1  
D-79215 Elzach im Schwarzwald (Germany)  
T: ++49 7682 921904  
F: ++49 7682 921905  
e-mail: [info@aquaservice-gmbh.com](mailto:info@aquaservice-gmbh.com)  
Internet: <http://www.aquaservice-gmbh.com>
- **Further information obtainable from:**  
Competent person responsible for the safety data sheet: Dominik Wehrle  
e-mail (competent person): [wehrle@aquaservice-gmbh.com](mailto:wehrle@aquaservice-gmbh.com)
- **1.4 Emergency telephone number:**  
During our office hours:  
Monday – Thursday: 08.00 – 16.00 h, Friday: 07.45 – 13.45 h  
T: +49 7682 921906  
Outside office hours:  
Notrufzentrale Mainz, T: +49 6131 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.
- **Additional information:** Observe the general safety regulations when handling chemicals.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Void
- **Hazard pictograms:** Void
- **Signal word:** Void
- **Hazard statements:** Void
- **Precautionary statements:**  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**  
Safety data sheet available on request.
- **2.3 Other hazards:** -

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### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

##### · Dangerous components:

CAS: 64742-47-8 EINECS: 265-149-8 Reg.nr.: 01-2119484819-18-xxxx	distillates (petroleum), hydrotreated light ⚠ Asp. Tox. 1, H304	≤ 5.0%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 02-2119475104-44-xxxx	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	≤ 2.5%

· **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

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.  
Remove contact lenses.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

#### · 4.2 Most important symptoms and effects, both acute and delayed: -

· **Information for doctor: -**

#### · 4.3 Indication of any immediate medical attention and special treatment needed: -

### SECTION 5: Firefighting measures

#### · Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### · For safety reasons unsuitable extinguishing agents: Water with full jet

#### · 5.3 Advice for firefighters

##### · Protective equipment:

Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.

##### · Additional information:

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 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 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 of the material collected according to regulations.

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#### · 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** 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: 10**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** -

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

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

##### **112-34-5 2-(2-butoxyethoxy)ethanol**

WEL (Great Britain)	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm
IOELV (European Union)	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm

- **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.  
Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:**  
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**  
Protective gloves and protective skin cream.  
Preventive skin protection by use of skin-protecting agents is recommended.  
After use of gloves apply skin-cleaning agents and skin cosmetics.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves:**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material:**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** workwear

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

Form:	Fluid
Colour:	Yellow
Odour:	Weak, characteristic

##### · Change in condition

Initial boiling point and boiling range: 224 °C

- |                       |          |
|-----------------------|----------|
| Flash point:          | > 100 °C |
| Ignition temperature: | 236 °C   |

- |                   |                        |
|-------------------|------------------------|
| Density at 20 °C: | 0.95 g/cm <sup>3</sup> |
|-------------------|------------------------|

##### · Solubility in / Miscibility with water:

Fully miscible.

##### · Solvent content:

Organic solvents: 5 %

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:**  
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.  
No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Exposition to high temperatures may produce hazardous decomposition products such as: carbon dioxide, carbon monoxide, smoke, oxides of nitrogen (NO<sub>x</sub>).

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

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#### · LD/LC50 values relevant for classification:

##### 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	5660 mg/kg (rat)
Dermal	LD50	4000 mg/kg (rbt)

#### · Primary irritant effect:

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for 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

Do not allow to enter sewers/ surface or ground water.

- **12.2 Persistence and degradability:** -
- **12.3 Bioaccumulative potential:** -
- **12.4 Mobility in soil:** -
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects:** -

## SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · European waste catalogue:

07 06 99	wastes not otherwise specified
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- **Uncleaned packaging:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

## SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA**                      Void

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· <b>UN proper shipping name</b>	
· <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	- Not applicable.
· <b>14.6 Special precautions for user:</b>	-
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- **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:**  
H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.
- **Contact:** Dominik Wehrle
- **Abbreviations and acronyms:**  
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  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1
- **\* Data compared to the previous version altered.**