

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

Revision: 11.03.2021

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

- **1.1 Product identifier**
- **Trade name:** aquastabil®
- **Article number:**
 - PR045 1 liter
 - PR047 5 liter
 - PR049 10 liter
- **EuPCS:** PC-TEC-OTH
- **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:** Stabilizer against algae formation
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

Aquaservice Industriewasserrecycling 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
Internet: <http://www.aquaservice-gmbh.com>
- **Further information obtainable from:**

Competent person who is responsible for the safety data sheet: Dominik Wehrle
e-mail (competent person): wehrle@aquaservice-gmbh.com
- **1.4 Emergency telephone number:**

During our business hours:
Monday - Thursday: 8 a.m. - 4 p.m., Friday: 7.45 a.m. - 1.45 p.m.
T: +49 (0) 7682 921906
Outside our business hours:
Emergency call center Mainz: T: +49 (0) 6131 19240

+44 (171) 635 91 91 - National Poison Inform. Centre, Medical Toxicology Unit, Avalonley Road,
London SE14 5ER

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.

- **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.
- **2.3 Other hazards:** -

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SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Dangerous components:** Void

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.
- **Information for doctor:** -
- **4.2 Most important symptoms and effects, both acute and delayed:** -
- **4.3 Indication of any immediate medical attention and special treatment needed:** -

SECTION 5: Firefighting measures

- **5.2 Special hazards arising from the substance or mixture**
- **Suitable extinguishing agents:**
CO₂, 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.
- **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:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 12

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· 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:**

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

· **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:**

Not required.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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.

· **Material of gloves:** Nitrile rubber, NBR

· **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.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

For example: Camatril 740 from KCL, D-36124 Eichenzell. Nitrile rubber, wall thickness: 0.11 mm.

· **Eye protection:** Goggles recommended during refilling.

· **Body protection:** workwear

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **General Information**

· **Appearance:**

· Form:	Fluid
· Colour:	Light blue
· Odour:	Odourless

· **Change in condition**

Initial boiling point and boiling range: 100 °C

· **Flash point:** Not applicable.

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 20 °C:** 1.02 g/cm³

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

Fully miscible.

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- **Solvent content:**
- **Organic solvents:** - %

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.
- **10.3 Possibility of hazardous reactions**
- **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.
- **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_x).

SECTION 11: Toxicological information

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

19 08 99 wastes not otherwise specified

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- **Uncleaned packaging:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.
- **Recommended cleansing agents:** Water

SECTION 14: Transport information

- | | |
|---|----------------------|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: | -
Not applicable. |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user: | - |
| <ul style="list-style-type: none"> · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **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.

- **BfR Code:** 8412
- **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)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

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