

**1 Identification of substance:**

• **Product details:**

• **Trade name:** TETRA AQUA AQUA SAFE

• **Article number:** 800.888

• **Manufacturer/Supplier:**

Tetra  
3001 Commerce Street  
Blacksburg, VA 24060-6671  
USA

Aqua Safe Makes Tap  
Water Safe for fish

• **Additional information:** -

• **Emergency information:**  
Emergency Number Berlin  
+49 (0)30 19240

**2 Composition/Data on components:**

• **Chemical characterization**

• **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

6381-92-6	ethylenediaminetetraacetic acid disodium salt	Xn; R 22	2.5-10%
50-00-0	formaldehyde	T; R 23/24/25-34-40-43	≤ 2.5%

• **Additional information** For the wording of the listed risk phrases refer to section 16.

**3 Hazards identification**

• **Hazard description:** not applicable

• **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

• **Classification system**

The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

• **NFPA ratings (scale 0-4)**



Health = 0  
Fire = 0  
Reactivity = 0

**4 First aid measures**

• **General information** No special measures required.

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

• **After skin contact** Generally the product does not irritate the skin.

• **After eye contact** Rinse opened eye for several minutes under running water.

• **After swallowing** If symptoms persist consult doctor.

**5 Fire fighting measures**

• **Suitable extinguishing agents**

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

• **Protective equipment:** No special measures required.

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**6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

**7 Handling and storage**

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

**8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**

<b>50-00-0 formaldehyde (≤2.5%)</b>	
PEL	Short-term value: 2 ppm Long-term value: 0.75 ppm see 29 CFR 1910.1048
REL	Short-term value: C 0.1* ppm Long-term value: 0.016 ppm *15-min
TLV	Short-term value: C 0.37 mg/m <sup>3</sup> , C 0.3 ppm SEN

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
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.
- **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:** Goggles recommended during refilling.

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### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Fluid
<b>Color:</b>	Colorless
<b>Odor:</b>	Characteristic

#### · Change in condition

**Melting point/Melting range:** undetermined  
**Boiling point/Boiling range:** undetermined

· **Flash point:** Not applicable

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapor pressure at 20°C (68°F):** 23.0 hPa (17 mm Hg)

· **Density at 20°C (68°F):** 1.132 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:** Soluble

· **pH-value at 20°C (68°F):** 8.4

· **Viscosity:**  
**dynamic at 20°C (68°F):** 1 mPas

#### · Solvent content:

<b>Organic solvents:</b>	0.2 %
<b>Water:</b>	83.1 %

· **Solids content:** 3.2 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### 12 Ecological information:

- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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**13 Disposal considerations**

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation;** Disposal must be made according to official regulations.

**14 Transport information**

- **Land transport ADR/RID (cross-border)**
  
- **Maritime transport IMDG:**
- **Marine pollutant:** No

**15 Regulations**

- **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

9003-39-8	Kollidon	3
50-00-0	formaldehyde	2A

· **NTP (National Toxicology Program)**  
50-00-0 | formaldehyde | R

· **TLV (Threshold Limit Value established by ACGIH)**  
None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**  
None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**  
None of the ingredients is listed.

- **Markings according to EU guidelines:**  
Observe the general safety regulations when handling chemicals  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoff1).

- **National regulations**

- **Technical instructions (air):**

Class	Share in %
Wasser	81.5
I	0.1

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**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.

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