

## 1 Identification of the substance/mixture and the company

Product identifier	<b>HydroQuant<sup>®</sup> reagent pH</b>
Use of substance	Reagent solution for the determination of the pH value REACH: This product is a preparation. For commercial users only.
Supplier	WAPOTEC GmbH Carola-Blome-Str. 7 A-5020 Salzburg Tel: +43 662 434342-0 Fax: +43 662 434342-3
Contact	Mr. G. Weiss Email: <a href="mailto:office@wapotec.at">office@wapotec.at</a>
Emergency phone	+43 662 43 43 42-0 Office hours: MO - TH: 8.00 - 16.00 FR: 8.00 - 12.00

## 2 Hazards identification

- GHS classification  
Pursuant to the EU legislation this preparation is classified as non-hazardous.

## 3 Composition/information on ingredients

- Chemical characterization:** Aqueous solution
- Hazardous ingredients (GHS classification):** none
- Chemical name:**
- CAS No.      EG No.      INDEX No.      Classification**
- Voluntary information:**
- Phenol red indicator
- 143-74-8    205-609-7

## 4 First-aid measures

- After inhalation:** Fresh air. Consult a doctor.
- After skin contact :**  
Wash off with plenty of water; remove contaminated clothing immediately. Consult a

doctor immediately.

☾ **After eye contact:**

Rinse out with plenty of water with the eyelid open, for at least 10 minutes. Consult an ophthalmologist immediately.

☾ **After swallowing:**

Make victim drink plenty of water (400-500ml) immediately. Do not try to neutralize. Consult a doctor immediately.

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**5 Fire-fighting measures**

☾ **Suitable extinguishing media:**

Take extinguishing measures suitable for the environment.

☾ **Special risks:**

Non-combustible.

When exposed to fire, hazardous vapors may form.

☾ **Special protective equipment for fire-fighting.**

Use self-contained respiratory protection. In order to avoid contact with the skin, keep a safety distance or wear suitable protective clothing.

☾ **Additional information:**

Prevent water for fire-fighting from entering surface waters or ground water.

Use water jet to make gases, vapors condense.

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**6 Accidental release measures**

☾ **Person-related safety precautions:**

Do not inhale vapors/aerosols. Avoid contact with substance. Ensure supply of fresh air.

☾ **Environmental precautions:**

Prevent substance from entering the sewage system.

☾ **Measures for cleaning/collecting:**

Collect mechanically with liquid binding and neutralizing material. Forward to disposal. Clean affected area.

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**7 Handling and storage**

☾ **Handling**

**Information for safe handling:** Observe advice on the label or analysis specification.

☾ **Storage**

☾ **Additional information on storage conditions:** Tightly closed.

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**8 Exposure controls and personal protection**

☉ **Personal protective equipment**

Protective clothing shall be selected specifically for the work place and in dependence of the concentration and quantity of the hazardous substance. The chemical resistance of the protective equipment should be ascertained with the respective supplier.

☉ **Respiratory protection:**

Required when vapors/aerosols are generated. Recommended filter type: Filter E

☉ **Hand protection:**

Full contact:

Glove material: nitrile rubber

Glove thickness: 0.11 mm

Break-through time: >480 min

Splash contact:

Glove material: nitrile rubber

Glove thickness: 0.11 mm

Break-through time: >480 min

The protective gloves to be used must comply with the specifications of the EC Directive 89/686/EEC and the resultant Standard EN 374.

The above mentioned break-through times were determined by KCL in laboratory tests acc. to EN 374 with material samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us, as well as to the purpose specified by us. When dissolving the substance in or mixing it with other substances and under conditions deviating from those stated in EN 374, contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

☉ **Eye protection:**

Tightly closing protective clothing.

☉ **Protective measures:**

Acid-proof protective clothing.

☉ **Hygiene:**

Change contaminated clothing immediately and put it in water.

Apply skin-protective cream; wash hands and face after working with the substance.



## Physical and chemical properties

☉ <b>Form:</b>	liquid
☉ <b>Colour:</b>	red
☉ <b>Odour:</b>	Inherent smell
☉ <b>pH value:</b>	appr. 7.0

⦿ <b>Viscosity, dynamic:</b>	not available
⦿ <b>Melting point:</b>	not available
⦿ <b>Boiling point</b>	approx. 105°C
⦿ <b>Ignition temperature:</b>	not available
⦿ <b>Inflammability:</b>	not available
⦿ <b>Lower explosion limit:</b>	not available
⦿ <b>Upper explosion limit:</b>	not available
⦿ <b>Oxidizing properties:</b>	not available
⦿ <b>Vapour pressure:</b>	not available
⦿ <b>Relative vapour density:</b>	Not available
⦿ <b>Density</b>	1.2 g/cm <sup>3</sup> at 20°C
⦿ <b>Solubility</b>	not available
⦿ <b>Solubility in water</b>	soluble at 20°C
⦿ <b>Distribution coefficient:</b>	not available
⦿ <b>N-octanol/water:</b>	
⦿ <b>Evaporation speed:</b>	not available



## 10 Stability and reactivity

- ⦿ Conditions to be avoided: no information available
- ⦿ Hazardous decomposition products: no information available
- ⦿ Additional information:

## 11 Toxicological information

### ⦿ **Acute inhalative toxicity.**

We do not have any quantitative data on the toxicity of this product.

### ⦿ **Skin Irritation:**

Modest irritation

### ⦿ **Eye Irritation:**

Modest irritation.

### ⦿ **Genetic toxicity in vitro:**

Ames test

Result: negative

Related to pure substance (IUCLID)

### ⦿ **Teratogenicity:**

### ⦿ **Additional information:**

Hazardous properties cannot be excluded, but are very unlikely when used acc. to

specification.

☉ **After resorption of toxic quantities:**

Nausea, vomiting, possibly allergic reactions.

☉ **Other advice:**

Sensitizing in proned persons possible.

☉ **Additional advice:**

The usual precautions in handling chemicals have to be taken.

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**12 Ecological information**

☉ **Ecotoxicity:**

We do not have any quantitative data on the toxicity of this product.

☉ **Other ecological advice:**

Prevent the product from entering surface waters, ground water or soil.

☉ **Biological effects:**

☉ **Additional information relating to ecology:**

None

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**13 Disposal considerations**

☉ **Product:**

In the EU, there do not exist uniform regulations for the disposal of chemicals and/or residual substances. Residual chemicals, normally, are classed as special waste, the disposal of which is regulated by the respective laws and regulations of the EU member states. Please contact the competent institutions (authority or waste disposal company) for information on disposal.

☉ **Packing:**

Disposal acc. To the regulations imposed by the authorities.

Contaminated packing material has to be handled like the substance itself.

In the absence of official regulations, noncontaminated packing material can either be handled like household refuse or recycled.

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**14 Transport information**

☉ **ADR/RID**

No dangerous medium as defined by the transport regulations

☉ **IATA**

No dangerous medium as defined by the transport regulations

☉ **IMDG**

No dangerous medium as defined by the transport regulations

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**15 Regulatory information****Ⓢ GHS labeling:**

No hazardous substance

**Ⓢ CAS no.** 143-74-8**Ⓢ Signal word:****Ⓢ Hazard warnings:****Ⓢ Safety signs and symbols:**

P280: Wear protective gloves/protective clothing/eye protection/face protection

P301 + P330 + P331:

When swallowed:

Rinse mouth. Do not induce vomiting.

P305 + P351 + P358:

After eye contact:

Wash out carefully with plenty of water for some minutes. Remove contact lenses, if possible. Continue washing eyes.

P309 + P310:

In case of exposure or nausea:

Seek medical advice or contact a poison's information centre immediately.

**Ⓢ Labelling according to EC directives:**

According to EC directives or the respective national regulations, the product must not be labeled.

EC no. 205-609-7

**Ⓢ Storage class:** VCI 10 – 13 other liquids and solids**Ⓢ Other regulations**

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**16 Other information**

None

These specifications base on our today's knowledge and serve for describing the product with regard to the safety measures to be taken.

They are no guarantee for properties of the product described.

**Ⓢ Edition:** 1**Ⓢ Translated by :** WAPOTEC**Ⓢ Short cut :** -

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