

Health & Safety data sheet  
According to EC Directive 91/155/EC and following amendments

Date of issue: 10 January 2005.

**1- Identification of the product and of the company**

**Product name:**

- pH Reagent.

**Application:**

- Determination of pH in water samples.

**Distributor identification:** Milwaukee s.r.l.  
c.so Leonardo da Vinci 48/50  
21013 Gallarate (VA), Italy  
tel.: +39 0331 268009

**Emergency Telephone n. °:** no hazardous product.

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**2 - Composition/information on ingredients**

Aqueous solution.

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**3 - Hazard identification**

No hazardous product as specified in Directive 67/548/EEC.

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**4 - First aid measures**

- **After inhalation** : fresh air.
- **After skin contact** : wash off with plenty of water.
- **After eye contact** : rinse out with water.
- **After swallowing** : wash out mouth thoroughly with water and give plenty of water to drink.  
In severe cases obtain medical attention.

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**5 - Fire-fighting measures**

- **Suitable extinguishing media:**
  - Water spray, foam, dry powder or carbon dioxide.
- **Special risks:**
  - Non combustible. Formation of hazardous combustion gases possible in the event of fire.
- **Special protective equipment for fire fighting:**
  - Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
  - Contain escaping vapors with water.

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**6 - Accidental release measures**

- **Personal precautions:**
  - Do not inhale vapors/aerosols.
- **Environmental precautions:**
  - None.

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### 7 - Handling and storage

- **Handling:**
  - No further requirements.
- **Storage:**
  - Tightly closed. Store at room temperature (+15 to +25 °C recommended).

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### 8 - Exposure control/personal protection

- **Personal protective equipment:**
  - As appropriate to quantity handled.
- **Protective gloves:**
  - Rubber or plastic
- **Respiratory protection:**
  - Required when vapors/aerosols are generated. Work under hood.
- **Eye protection:**
  - Goggles or face mask

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### 9 - Physical/chemical properties

- **Appearance and odor** : red liquid, odorless
- **Solubility in water** : soluble
- **Melting point** : ND
- **Boiling point** : ND
- **pH value at 20°C** : ~ 6.0
- **density at 20°C** : ~ 1 g/cm<sup>3</sup>

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### 10 - Stability and reactivity

- **Conditions to be avoided:**
  - Strong heating (above boiling point).
- **Hazardous decomposition products:**
  - In the event of fire: see section 5.
- **Substances to be avoided:**
  - The generally known reaction partners of water.
- **Hazardous Polymerization:**
  - Will not occur.

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### 11 - Toxicological information

*Acute toxicity*

Quantitative data on the toxicity of this product are not available.

*Further toxicological information*

Hazardous properties cannot be excluded, but are relatively unlikely because of the low concentration of the dissolved substances and to the data of the components, when the product is handled appropriately.

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### 12 - Ecological information

*Ecotoxic effects:*

Quantitative data on the ecological effect of this product are not available.

*Further ecological data:*

No ecological problems are to be expected when the product is handled and used with due care and attention.

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### 13 - Disposal considerations

- **Waste disposal:**
  - Can be safely disposed of as an ordinary refuse.

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**14 - Transport information**

Not subject to transport regulations.

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**15 - Regulatory information**

**Labeling according to EC Directives:**

Symbol: -  
R-phrases : -  
S-phrases : -  
Contains : -

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**16 - Other information**

- **Supersedes edition of** : / (1<sup>st</sup> edition)
- **Legend** : NA Not applicable  
ND Not determined

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*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.*