

**SAFETY DATA SHEET**  
**pH 10.012 pH Standard IUPAC**  
**(Part No. S11M007)**

**I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name: pH 10.012 pH Standard IUPAC (Part No. S11M007)  
Application: Calibration solution Container size: 500 ml  
Supplier: Radiometer Analytical S.A.S.  
72, rue d'Alsace  
69627 Villeurbanne CEDEX - Lyon, France

**II – COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical name:</u>	<u>CAS-number</u>	<u>%:</u>	<u>Hazard classification:</u>
Sodium carbonate	497-19-8	< 1	-
Sodium hydrogen carbonate	144-55-8	< 1	-
Deionised water	7732-18-5	> 97	-
Preserving agents	-	< 0.01	-

**III – HAZARD IDENTIFICATION**

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

**IV – FIRST-AID MEASURES**

General information : Change soaked clothing  
Inhalation: Ensure supply of fresh air.  
Skin contact: In case of contact with skin wash off immediately with plenty of water  
Eye contact: In case of contact with eyes rinse thoroughly with water  
Ingestion: Rinse out mouth and give plenty of water to drink.  
Advice to doctor: Treat symptomatically.

**V – FIRE-FIGHTING MEASURES**

Extinguishing media: Fire extinguishing method of surrounding areas must be discussed.  
Special exposure hazards: Dangerous fumes may be formed in case of fire.  
Special protective equipment for fire-fighters:  
For fire-fighting use protective clothing, rubber boots and rubber gloves.  
Additional information: Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**VI – ACCIDENTAL RELEASE MEASURES**

Personal precautions: Use personal protective clothing.  
Environmental precautions: Do not discharge into the drains/surface waters/groundwater.  
Methods for cleaning up: Pick up with absorbent material. Flush away residues with water.

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**VII – HANDLING AND STORAGE**

Handling: Use only in well-ventilated areas.

Storage: Store in a dry place.

**VIII – EXPOSURE CONTROL/PERSONAL PROTECTION**

Exposure limit values: No Data.

Personal protective equipment: Chemical resistant protective gloves. Safety glasses with side protection shield. Use barrier skin cream. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately.

**IX – PHYSICAL AND CHEMICAL PROPERTIES**

Form: Liquid

Colour: Colourless

Odour: Odourless

pH value at 25°C: 10.01

Melting point: 0°C

Boiling point: 100°C

Density: 1.0 g/cm<sup>3</sup>

Solubility in water at 20°C: Completely

**X – STABILITY AND REACTIVITY**

Hazardous reactions/Materials to avoid:

No hazardous reactions known.

Hazardous decomposition products: No hazardous decomposition products known.

**XI – TOXICOLOGICAL INFORMATION**

Because of the composition of the product, no acute toxic effects in general are to be expected.

**XII – ECOLOGICAL INFORMATION**

If properly handled, no ecological problems are to be expected.

**XIII – DISPOSAL CONSIDERATIONS**

The analysis solutions must be disposed of in accordance to the legal regulations.

Waste code: 16 05 06

**XIV – TRANSPORT INFORMATION**

Not classified by the dangerous goods regulations (ADR, IATA, IMDG).

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**XV – REGULATORY INFORMATION**

The product does not require a hazard-warning label in accordance with EC directives/the relevant national laws.

**XVI – OTHER INFORMATION**

The information herein is believed to be correct as of the date hereof, but is provided without warranty of any kind.

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the product for their purpose.

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