



MATERIAL SAFETY DATA SHEET

pH Buffer Standard Solution 4.00

Product Identification
Product code
Product use

pH Buffer Standard 4.00
CRM0017

It is intended to be used as a calibration standard for pH instruments & validation of method for the determination of the pH Value.

Composition /Information on ingredients

Component	Cas no.	Percentage
Potassium hydrogen phthalate	877-24-7	≤1
Deionized water	7732-18-5	>99

Hazards information's

Hazard for normal use
May irritate eyes and skin
Target Organs
Acute Toxicity
Chronic Toxicity
Medical condition aggravated by Exposure

Non-hazardous
Cause mild skin & eye irritation.
No data available
No data available
No data available
May cause stinging or irritation in an open cut.

First aid measures

Eye and skin contact

Wash off with soap and plenty of water and Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention as early as possible.

Ingestion

no data available

Inhalation

If breathed in, move person into fresh air. If breathing is labored, Consult a physician.

Handling and storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Physical and Chemical Properties

State

Clear liquid

Odor threshold

No data available

Sensitivity to mechanical impact

None

Specific gravity

No data available

Solubility in water

Soluble

pH

4.0-0.0

Boiling point

No data available

Vapor density

Not determined

Stability and reactivity

The product is stable under recommended storage and handling conditions. No dangerous reactions are expected under normal laboratory use.

Toxicological Information

None

Ecological information

No data available

Disposal condition

Dispose of in a manner consistent Local Regulations.

Transport information

Product is not hazardous for transport.



Other information

The above information is believed to be accurate and represent the best information currently available to us. The Product is offered in accordance with the manufacturers' current production specification and are intended solely for use in analytical testing. The manufacturer shall in no event be liable for any injury, loss or damage resulting from the handling, use or misuse of these products.

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