

710-5447

## MATERIAL SAFETY DATA SHEETS

HANNA Instruments Limited  
Eden Way, Pages Industrial Park  
Leighton Buzzard, Bedfordshire, LU7 8TZ

### pH 10.01 BUFFER SOLUTION HI-7010

Effective Date: 16 December 1994

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#### SECTION I - PRODUCT IDENTIFICATION

Product Name:	pH 10.01 Buffer Solution
Chemical Name:	NA
Formula:	NA
Formula Weight:	NA
CAS. Number:	NA
Chemical Family:	Inorganic Salts

#### SECTION II - HAZARDOUS COMPONENTS

<u>Chemical Component</u>	<u>%</u>	<u>CAS No.</u>	<u>Nature of Hazard</u>
Sodium Bicarbonate	<0.5%	144-55-8	NA
Sodium Carbonate	<0.5%	497-19-8	NA
Benzethonium Chloride	<0.01%	121-54-0	NA
Water	<100%	NA	NA

#### SECTION III - PHYSICAL DATA

State:	Liquid
Appearance:	Slightly Soapy
Boiling Point:	> 100°C
Melting Point:	NA
Specific Gravity:	1.000
Solubility (Water):	NA
Odour:	None
Vapour Pressure (mm Hg):	NA
Vapour Density (air = 1):	NA
Evaporation Rate:	NA
Storage Precautions:	None

#### SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point:	NA
NFPA Codes:	Health: 0 Flammability: 0 Reactivity: 0
Toxic Gases Produced:	None
Fire Extinguishing Media:	Water, Carbon dioxide or dry chemical

\* NA - Defined as not applicable or not defined.

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**SECTION V - HEALTH HAZARD DATA**

Threshold Limit Value (TLV/TWA):	NA
Toxicity: LD50 (oral-rat)	Sodium Bicarbonate = 4220mg/kg
Effects of Exposure:	May be irritating to eyes and skin.
Precautionary Steps:	Avoid contact with eyes, skin and clothing. Wash exposed areas with soap and water.
Emergency and First Aid Procedures:	If eye contact, flush with large quantities of water. Get medical assistance if irritation persists.

**SECTION VI - REACTIVITY DATA**

Stability:	Stable
Hazardous Polymerization:	None
Conditions to Avoid:	None
Incompatibles:	NA
Decomposition:	NA

**SECTION VII - SPILL AND DISPOSAL PROCEDURES**

In case of spill or discharge:	NA
Disposal Procedure:	Dispose in accordance with all applicable federal, state, and local environmental regulations.

**SECTION VIII - TRANSPORTATION DATA**

Proper Shipping Name:	NA
Hazard Class:	NA
UN Number:	NA

**NOTE:** The information in this document is based on data considered accurate. However, HANNA Instruments is not responsible for the implied accuracy of the data or results obtained from its use.

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