

MATERIAL SAFETY DATA SHEETS
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Effective: 06/01/97
Cat. No. M10010B

- Page 1 of 2
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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 - INGREDIENTS

Sodium Bicarbonate	PCT: < 0.5%	Cas No.: 144-55-8	SARA: NA
	TLV: Not established		PEL: Not established
	Hazard: NA		
Sodium Carbonate	PCT: < 0.5%	Cas No.: 497-19-8	SARA: NA
	TLV: Not established		PEL: Not established
	Hazard: NA		
Water	PCT: < 100%	Cas No.: NA	SARA: NA
	TLV: Not established		PEL: Not established
	Hazard: NA		

SECTION III - PHYSICAL DATA

State: Liquid	Appearance: Slightly Soapy
Odor: None	Solubility: Water: NA
Other: NA	Acid: NA
Boiling Point: > 100 C	Vapor Pressure (mm Hg): NA
Melting Point: NA	Vapor Density (air = 1): NA
Specific Gravity: 1.0	Evaporation Rate: NA
pH: NA	
Storage Precautions: None	

* NA/ND - Defined as not applicable or not defined.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): NA
Toxicity: LD50 (oral-rat): Sodium Bicarbonate = 4220 mg/kg
This product : May irritate eyes and skin.
Acute Toxicity: NA
Route of Exposure: NA
Target Organs: NA
Chronic Toxicity: ND
Routes of Exposure: NA
Target Organs: ND
Cancer Information: NA
Routes of Exposure: NA
Target Organs: NA
Overexposure: May irritate eyes and skin.
Medical conditions aggravated by exposure: None reported.

SECTION VI - PRECAUTIONARY MEASURES

Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Protective equipment: rubber gloves and safety glasses.

SECTION VII - FIRST AID

CALL FOR MEDICAL ASSISTANCE IMMEDIATELY.
If eye contact: Flush thoroughly with running water. Get medical help if irritation persists.
If skin contact: Wash exposed area immediately with plenty of soap and water.
Ingestion: NA
Inhalation: NA

SECTION VIII - REACTIVITY DATA

Stability: Stable
Hazardous Polymeration: None
Conditions to Avoid: None
Incompatibles: NA
Decomposition of Products: NA

SECTION IX - SPILL AND DISPOSAL PROCEDURES

In Case of Spill or Release: NA
Disposal Procedure: Dispose of in accordance with all federal, state, and local regulations.

SECTION X - TRANSPORTATION DATA

Proper Shipping Name: NA
Hazard Class: NA ID: NA GROUP: NA

SECTION X. - REFERENCES

- 1) TLV's Threshold Limit Values and Biological Exposure Indices for 1988-1989. American Conference of Governmental Industrial Hygienists. 1988.
- 2) Air Contaminants. Federal Register, Vol. 54, No. 12, Thursday, January 19, 1989. pp2332-2983.
- 3) Outside Testng.
- 4) In-house information.
- 5) Technical judgement.

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