

MATERIAL SAFETY DATA SHEETS

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SECTION I - PRODUCT IDENTIFICATION

Product Name: pH 7.01 Buffer Solution
Chemical Name: NA
Formula: NA
Formula Weight: NA
CAS Number: NA
Chemical Family: Inorganic Salts

SECTION II - INGREDIENTS

Potassium Phosphate, monobasic PCT: < 0.5% TLV: Not established Hazard: NA	Case No.: 7778-77-0	SARA: NA PEL: Not established
Sodium Phosphate, dibasic PCT: < 0.5% TLV: Not established Hazard: NA	Case No.: 7558-79-4	SARA: NA PEL: Not established
Benzethonium Chloride PCT: < 0.01% TLV: Not established Hazard: NA	Case No.: 121-54-0	SARA: NA PEL: Not established
Water PCT: < 100% TLV: Not established Hazard: NA	Case No.: NA	SARA: NA PEL: Not established

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, foams or dry chemical

Toxicity: LD50 (oral-rat): Benzethonium = 420 mg/kg:

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): NA
Sodium Phosphate, dibasic = 12930 mg/kg (as heptahydrate)
This product : May irritate eyes, skin, and respiratory tract.
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 skin and eyes, respiratory tract.
Medical conditions aggravated by exposure: None reported.

SECTION VI - PRECAUTIONARY MEASURES

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

SECTION VII - FIRST AID

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

SECTION VIII - REACTIVITY DATA

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

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 XI - 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 Testing
- 4) In-house information
- 5) Technical judgment

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