



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Phosphate Buffer, pH 6.0 or 9.1

Catalog Number:

PH 6.0 – 1400610-4, 1400638-1

PH 9.1 – 1400004-8, 1400004-9

Chemical Name: Phosphate buffer

CAS #: N/A

Formula: N/A

INGREDIENTS

Components: Sodium Potassium mono or dibasic in water.

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.020

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: Appreciable >10%

pH: Either 6.0 or 9.1 depending on product.

Appearance: Clear solution

Odor: Odorless

Melting Point: N/A

Molecular Weight: N/A

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume :

Lel: N/A

Uel: N/A

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Special Fire Fighting Procedures: Wear proper protective equipment w/SCBA

Unusual Fire and Explosion Hazards: None identified

REACTIVITY DATA

Stability: Stable

Incompatibility: strong acids.

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Oxides of Phosphorous

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear self-contained breathing apparatus & full protective clothing. Flush spill area with water.

Waste Disposal Method: Dispose in accordance with state, local and federal environmental regulations.

SPECIAL PROTECTION INFORMATION

Eye Protection: Safety goggles

Skin Protection: Gloves and appropriate coveralls.

Respiratory Protection: None Required where adequate ventilation conditions exist

Ventilation: Well ventilated area.

Emergency Response - 1-800-255-3924

SPECIAL PRECAUTIONS

Insert Precautions: None

Contaminated Equipment Precautions: Wash thoroughly with soap and water.

Hygienic Handling and Storage: Wash thoroughly with soap and water.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: Induce vomiting. Get medical attention immediately.

Inhalation: No adverse health effects via inhalation.

Skin Contact: Flush skin with water.

Eye Contact: Rinse with copious amounts of water for 15 minutes.

Signs and Symptoms of Exposure: Irritation of upper respiratory tract, dermatitis, nausea, vomiting, diarrhea, irritation and burns to mouth and stomach.

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