

MATERIAL SAFETY DATA SHEET

pH 4 BUFFER SOLUTION

Section I: Product Identification

Product Name : pH 4 BUFFER SOLUTION
Model Number : PH04-04, PH04-16, PH04-GAL
Chemical Family : Inorganic Salt

Section II: Hazardous Components

Chemical Components	%	CAS No.	Nature of Hazard
Potassium Hydrogen Phthalate	<1.0%	877-24-7	N/A
Benzethonium	<0.01%	121-54-0	N/A
Water	99+%	7732-18-5	N/A

Section III: Physical Data

State : Liquid
Appearance : Pink-Orange Oderless Liquid
Boiling Point (at 760 mm Hg) : 100 C
Melting Point : NA
Specific Gravity : 1.005
Solubility in Water : Miscible
Vapor Pressure (mm Hg) : NA
Vapor Density (air = 1) : NA
Evaporation Rate : NA
Storage Precautions : None

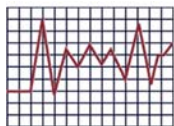
Section IV: Fire and Explosion Hazard Data

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

Section V: Health Hazard Data

Threshold Limit Value (TLV/TWA) : NA
Toxicity : LD50 (Oral-Rat) : NA
Potassium Hydrogen Phthalate = NA
Benzethonium Chloride = 420 mg/kg
Effects of Exposure : May irritate eyes, skin, and respiratory tract
Precautionary Steps : Avoid contact with eyes, skin, and clothing

Emergency and First Aid Procedures : If skin contact, wash exposed area with soap and water. Get medical help if irritation persists. If eye contact, flush the eye thoroughly with running water. Get medical help if irritation persists.



Section VI: Reactivity Data

Stability : Stable

Hazardous Polymerization : NA

Conditions to Avoid : None

Incompatibles : None

Decomposition Products : -COX, K2O small quantities of each

Section VII: Spill and Disposal Procedures

In case of Spill or Discharge : Take up on absorbing paper / cloth and put in a container. Flush spill area with water.

Disposal Procedure : Dispose in accordance with all applicable federal, state, local environmental regulations.

Section VIII: Transportation Data

Proper Shipping Name : NA

Hazard Class : NA

UN Number : NA

**NA = Not applicable or not defined.

****NOTE:**

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