




Quality Assurance / Regulatory Affairs
333 Fiske Street
Holliston, MA 01746

Product: BK-443320D
Description: CO2 Alkaline Buffer

Emergency Telephone No: 508-429-0450

Composition/Hazardous	Approximate % by weight	CAS#
2,6-Dimethyl-1,3-dioxan-4-ol acetate	< 0.01%	828-00-2
5-Chloro-2methyl-4isothiazolin-3-one	< 0.04%	26172-55-4
2-Methyl-4-isothiazolin-3-one	< 0.04%	2682-20-4

Physical Data		Fire and Explosion Data	
Boiling Point: Approx. 100 °C	Melting Point: N/G	Flash Point: Method: 27°C (80°F)	
Vapor Pressure: 21 mm Hg @ 25 %	Volatility: N/G	Flammable Limits: N/A	
Evaporation Rate: N/G	Solubility In Water: Miscible	Extinguishing Media: Suitable for surrounding fire	
Specific Gravity: Approx. 1	Appearance: Pink Liquid	Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing	
pH: Approx. 9	Freezing Point: 0 °C	Explosion Potential: N/A	

Precaution for Safe Handling and Use	Health and Hazard Data
<p>Handling Precautions: Avoid inhaling, ingesting and contact with eyes and skin.</p> <p>In Case of Spill: Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water.</p> <p>Disposal Method: In accordance with applicable Federal, state, and local laws and regulations</p> <p>Protective Controls: Protective clothing, gloves and safety goggles.</p>	<p>Threshold Limit Value (TLV): N/G</p> <p>Signs-Symptoms of Overexposure: Irritation of affected area.</p>
 Personal Protective Equipment	

Emergency and First Aid Procedure	Reactivity Data
<p>Skin Contact: Flush affected area with copious amounts of water.</p> <p>Eye Contact: Flush affected area with copious amounts of water.</p> <p>Ingestion: Rinse mouth with water, drink large quantities of water and call a physician.</p> <p>Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical aid.</p>	<p>Stability: Stable</p> <p>Incompatibility (materials to avoid): N/G</p> <p>Hazardous Decomposition Products: N/G</p> <p>Hazardous Polymerization: Will not occur</p> <p>Conditions to avoid: Avoid exposure to heat and light.</p> <p>Suggested Storage: Store as recommended on product labeling.</p>

Transportation Care	Other Information
No Restrictions	The information contained herein is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Diamond Diagnostics shall not be held liable for any changes resulting from handling or contact with the above product. See reverse side of invoice or packaging slip for additional terms and conditions of sale.

N/G = Not Given N/A = Not Applicable or Not Available