

Material Safety Data Sheet

I. GENERAL INFORMATION			
Identity (as used on label): <i>Auto-Lyte⁰ Urinary pH Reagent</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>Bromothymol Blue, Sodium Salt</i>	<i>34722-90-2</i>	<i>0.001</i>	<i>Not Available</i>
<i>Bromocresol Green, Sodium Salt</i>	<i>62625-32-5</i>	<i>0.001</i>	<i>Not Available</i>
III. PHYSICAL DATA			
Boiling Point (@ 760 mmHg): <i>~ 212°F</i>		Specific Gravity (H ₂ O=1.0): <i>~ 1.0</i>	
Vapor Pressure (@ 68°F): <i>Not Available</i>		Percentage Volatile by Volume: <i>Not Available</i>	
Vapor Density (Air=1): <i>Not Available</i>		pH: <i>Not Available</i>	
Solubility in Water: <i>Freely Soluble</i>		Evaporation Rate (Butyl Acetate=1): <i>Not Available</i>	
Appearance and Odor: <i>Blue-green liquid, odorless</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method): <i>Not Applicable</i>		Auto Ignition Temperature: <i>Not Available</i>	
Flammable Limits in Air (% by Volume): LEL: <i>Not Applicable</i> UEL: <i>Not Applicable</i>			
Extinguishing Media: <i>Use extinguishing media appropriate to surrounding fire conditions.</i>			
Special Fire Fighting Procedures: <i>Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes</i>			
Unusual Fire and Explosion Hazards: <i>None.</i>			

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V. REACTIVITY DATA	
Stability:	Stable Conditions to Avoid: <i>None</i>
Incompatibility (Materials to Avoid): <i>None</i>	
Hazardous Polymerization:	Will Not Occur Conditions to Avoid: <i>None</i>
Hazardous Decomposition Products: <i>Fumes of carbon monoxide, carbon dioxide, hydrogen bromide gas, sulfur oxides</i>	
VI. HEALTH HAZARD DATA	
Effects of Exposure:	Eye Contact - <i>May cause eye irritation.</i> Skin Contact - <i>May cause skin irritation.</i> Inhalation of Vapors - <i>May cause irritation to mucous membranes.</i>
Primary Route(s) of Entry:	Dermal Ingestion
First Aid Procedures:	Eye Contact - <i>Flush eyes with copious amounts of water. Seek medical attention.</i> Skin Contact - <i>Wash affected area with soap and copious amounts of water.</i> Inhalation - <i>Leave exposed area for fresh air immediately.</i> Ingestion - <i>Seek medical attention immediately. Treat symptomatically.</i>
VII. ENVIRONMENTAL PROTECTION PROCEDURES	
Spill Response: <i>As with non-hazardous material; wear protective gloves, eyewear and outer clothing. Contain spill with appropriate absorbent material, place in bag and hold for waste disposal. Wash area after clean-up.</i>	
Waste Disposal Method: <i>Dispose of in accordance with state and local regulations. If disposing down a sink, rinse with copious amounts of water; wear protective gloves, eyewear and outer clothing.</i>	
VIII. SPECIAL PROTECTION INFORMATION	
Protection:	Respiratory - <i>None.</i> Eye - <i>Eyewear recommended.</i> Skin - <i>Gloves and protective clothing recommended.</i>
Ventilation Recommended:	Local Exhaust - <i>General laboratory ventilation.</i> Mechanical (General) - <i>Use in a well-ventilated area.</i>
Other Protective Equipment: <i>None.</i>	
IX. SPECIAL PRECAUTIONS	
Handling and Storage: <i>Store at 2-8°C.</i>	
Other Precautions: <i>None.</i>	

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