

## Material Safety Data Sheet

I. GENERAL INFORMATION			
<b>Identity</b> (as used on label): <i>Auto-Lyte<sup>0</sup> Urinary pH Calibrator Set</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>Dowacide A</i>	<i>132-27-4</i>	<i>0.05</i>	<i>Not Available</i>
<i>Potassium Dihydrogen Phosphate</i>	<i>7778-77-0</i>	<i>0.12 - 0.51</i>	<i>10 mg/m<sup>3</sup></i>
<i>Di-Sodium Hydrogen Phosphate</i>	<i>7558-79-4</i>	<i>0.35 - 0.66</i>	<i>Not Available</i>
<i>Potassium Hydrogen Phthalate</i>	<i>877-24-7</i>	<i>1.02</i>	<i>Not Available</i>
III. PHYSICAL DATA			
<b>Boiling Point</b> (@ 760 mmHg): <i>~ 212°F</i>		<b>Specific Gravity</b> (H <sub>2</sub> O=1.0): <i>~ 1.0</i>	
<b>Vapor Pressure</b> (@ 68°F): <i>Not Available</i>		<b>Percentage Volatile by Volume:</b> <i>Not Available</i>	
<b>Vapor Density</b> (Air=1): <i>Not Available</i>		<b>pH:</b> <i>4-8</i>	
<b>Solubility in Water:</b> <i>Freely Soluble</i>		<b>Evaporation Rate</b> (Butyl Acetate=1): <i>Not Available</i>	
<b>Appearance and Odor:</b> <i>Clear colorless liquid, odorless</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point</b> (Method): <i>Not Applicable</i>		<b>Auto Ignition Temperature:</b> <i>Not Applicable</i>	
<b>Flammable Limits in Air</b> (% by Volume): LEL: <i>Not Applicable</i> UEL: <i>Not Applicable</i>			
<b>Extinguishing Media:</b> <i>Use extinguishing media appropriate to surrounding fire conditions.</i>			
<b>Special Fire Fighting Procedures:</b> <i>Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes</i>			
<b>Unusual Fire and Explosion Hazards:</b> <i>None.</i>			

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<b>V. REACTIVITY DATA</b>	
Stability: <b>Stable</b>	Conditions to Avoid: <i>None</i>
Incompatibility (Materials to Avoid): <i>None</i>	
Hazardous Polymerization: <b>Will Not Occur</b>	Conditions to Avoid: <i>Heat</i>
Hazardous Decomposition Products: <i>None</i>	
<b>VI. HEALTH HAZARD DATA</b>	
Carcinogen: <i>Dowicide A is listed as a possible carcinogen by IARC.</i>	
Effects of Exposure:	<b>Eye Contact</b> - <i>May cause eye irritation.</i> <b>Skin Contact</b> - <i>None.</i> <b>Inhalation of Vapors</b> - <i>May cause irritation to mucous membranes.</i>
Primary Route(s) of Entry:	<b>Inhalation    Ingestion</b>
First Aid Procedures:	<b>Eye Contact</b> - <i>Flush eyes with copious amounts of water. Seek medical attention.</i> <b>Skin Contact</b> - <i>Wash affected area with soap and water.</i> <b>Inhalation</b> - <i>Leave exposed area for fresh air immediately.</i> <b>Ingestion</b> - <i>Seek medical attention immediately. Treat symptomatically.</i>
<b>VII. ENVIRONMENTAL PROTECTION PROCEDURES</b>	
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. As with non-hazardous material; if disposing down a sink, rinse with copious amounts of water; wear protective gloves, eyewear and outer clothing.</i>	
<b>VIII. SPECIAL PROTECTION INFORMATION</b>	
Protection:	<b>Respiratory</b> - <i>None specified.</i> <b>Eye</b> - <i>Eyewear recommended.</i> <b>Skin</b> - <i>Gloves required.</i>
Ventilation Recommended:	<b>Local Exhaust</b> - <i>General laboratory ventilation.</i> <b>Mechanical (General)</b> - <i>Use in a well-ventilated area.</i>
Other Protective Equipment: <i>None.</i>	
<b>IX. SPECIAL PRECAUTIONS</b>	
Handling and Storage: <i>Store at 2-8°C.</i>	
Other Precautions: <i>None.</i>	

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