

# OraSure Technologies, Inc.

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Effective Date: 11/29/00

IN CASE OF EMERGENCY  
CALL: 1-800-869-3538

## Material Safety Data Sheet

I. GENERAL INFORMATION			
<b>Identity</b> (as used on label): <i>URINE CALIBRATORS/CONTROLS</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>Thimerosal</i>	<i>54-64-8</i>	<i>0.01%</i>	<i>0.1 ng (HG)/m<sup>3</sup></i>
<i>Proclin 300</i>	<i>26628-228</i>	<i>0.1%</i>	<i>Not Available</i>
<i>Normal Human Urine</i>	<i>N/A</i>	<i>99.8%</i>	<i>N/A</i>
III. PHYSICAL DATA			
Boiling Point @ 76 mmHg(°F): <i>100°F</i>		Specific Gravity (H <sub>2</sub> O=1.0): <i>1.0</i>	
Vapor Pressure (mmHg @ 68°F): <i>Not known</i>		Percentage Volatile by Volume: <i>Not known</i>	
Vapor Density (Air=1): <i>Not known</i>		pH: <i>5.0</i>	
Solubility in Water: <i>Freely soluble</i>		Evaporation Rate (Butyl Acetate=1): <i>Not known</i>	
Appearance and Odor: <i>Normal Human Urine containing trace amounts of various analytes (as individually labeled)</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method): <i>Non-flammable</i>		Auto Ignition Temperature: <i>N/A</i>	
Flammable Limits in Air (% by Volume): <i>Not flammable</i>		LEL: <i>N/A</i>	UEL: <i>N/A</i>
Extinguishing Media: <i>Use type suitable for surrounding fire.</i>			
Special Fire Fighting Procedures: <i>N/A</i>			
Unusual Fire and Explosion Hazards: <i>N/A</i>			

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<b>V. REACTIVITY DATA</b>	
Stability: <b>Stable</b> Conditions to Avoid: <i>Avoid Excess Heat</i>	
Incompatibility (Materials to Avoid): <i>None</i>	
Hazardous Polymerization: <b>Will Not Occur</b>	
Hazardous Decomposition Products: <i>None</i>	
<b>VI. HEALTH HAZARD DATA</b>	
Threshold Limit Value: <i>N/A</i> Carcinogen: <i>N/A</i>	
Effects of Exposure:	<b>Eye Contact</b> - <i>Unknown.</i> <b>Skin Contact</b> - <i>Unknown.</i> <b>Inhalation of Vapors</b> - <i>Unknown.</i>
Primary Route(s) of Entry: <b>Dermal</b> <b>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 areas with soap and water until no evidence of calibrator remains. Seek medical attention.</i> <b>Inhalation of Vapors</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.</i>	
Waste Disposal Method: <i>As with non-hazardous material, wear protective gloves.</i>	
<b>VIII. SPECIAL PROTECTION INFORMATION</b>	
Protection:	<b>Respiratory</b> - <i>None</i> <b>Eye</b> - <i>Chemical safety glasses or goggles</i> <b>Skin</b> - <i>Disposable rubber gloves</i>
Ventilation Recommended:	<b>Local Exhaust</b> - <i>N/A</i> <b>Mechanical (General)</b> - <i>N/A</i>
Other Protective Equipment: <i>None</i>	
<b>IX. SPECIAL PRECAUTIONS</b>	
Handling and Storage: <i>Recommend storage at 2-8° C.</i>	
Other Precautions: <i>None</i>	

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, OTI makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.