

# OraSure Technologies, Inc.

▪ 150 Webster Street, Bethlehem, PA 18015-1389  
▪ (610) 882-1820 ▪ Fax: (610) 882-1830  
▪ www.orasure.com

Effective Date: 11/29/00

IN CASE OF EMERGENCY  
CALL: 1-800-535-5053

## Material Safety Data Sheet

I. GENERAL INFORMATION			
<b>Identity</b> (as used on label): <i>MICRO-PLATE WASH BUFFER CONCENTRATE</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>TWEEN<sup>®</sup> 20 (polyoxyethylene (20) sorbitan monolaurate)</i>	<i>9005-64-5</i>	<i>2%</i>	<i>Not Listed</i>
<i>Sodium Phosphate, Dibasic Anhydrous</i>	<i>7558-79-4</i>	<i>16%</i>	<i>Not Listed</i>
<i>Sodium Phosphate, Monobasic Anhydrous</i>	<i>7558-80-7</i>	<i>0.6%</i>	<i>Not Listed</i>
III. PHYSICAL DATA			
<b>Boiling Point</b> (@ 76 mmHg)(°F): <i>Not Available</i>		<b>Specific Gravity</b> (H <sub>2</sub> O=1.0): <i>Not Available</i>	
<b>Vapor Pressure</b> (mmHg @ 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>6.3 ± 0.1</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 buffer.</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point</b> (Method): <i>Not Available</i>		<b>Auto Ignition Temperature:</b> <i>Not Available</i>	
<b>Flammable Limits in Air</b> (% by Volume): <i>Not Available</i>			
<b>Extinguishing Media:</b> <b>CO<sub>2</sub></b> <b>Foam</b> <b>Dry Chemical</b>			
<b>Special Fire Fighting Procedures:</b> <i>Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.</i>			
<b>Unusual Fire and Explosion Hazards:</b> <i>None Known</i>			

Continued ...

<b>V. REACTIVITY DATA</b>	
Stability: <b>Stable</b> Conditions to Avoid: <i>Avoid Excess Heat</i>	
Incompatibility (Materials to Avoid): <i>No specific information is available.</i>	
Hazardous Polymerization: <b>Will Not Occur</b> Conditions to Avoid: <i>N/A</i>	
Hazardous Decomposition Products: <i>Products of combustion include carbon oxides and nitrogen oxides.</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>May cause eye irritation.</i> <b>Skin Contact</b> - <i>May cause skin irritation.</i> <b>Ingestion/Inhalation</b> - <i>Slightly dangerous to dangerous in case of ingestion or inhalation.</i>
Primary Route(s) of Entry: <b>Eye Contact</b> <b>Ingestion</b> <b>Inhalation</b>	
First Aid Procedures:	<b>Eye Contact</b> - <i>Flush eyes with copious amounts of water for at least 15 minutes. Do NOT use eye ointment. Seek medical attention.</i> <b>Skin Contact</b> - <i>Wash affected areas with soap and water until no evidence of chemical remains. Seek medical attention if irritation persists..</i> <b>Inhalation</b> - <i>Remove to fresh air or well-ventilated area. If not breathing, give artificial respiration. Seek immediate medical attention.</i> <b>Ingestion</b> - <i>Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Seek immediate medical attention.</i>
<b>VII. ENVIRONMENTAL PROTECTION PROCEDURES</b>	
Spill Response: <i>Shut off all sources of ignition. Wear respiration for large spills. As with non-hazardous material, wear protective gloves, eyewear and outer clothing.</i>	
Waste Disposal Method: <i>Dispose of material in accordance with state or local regulations.</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 rubbers gloves and protective clothing</i>
Ventilation Recommended:	<b>Local Exhaust</b> - <i>Recommended</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 15-27° 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.