



**Instructions for Use:** ATS Mucin and ATS Mucin Bone Test Soils

<b>Brand Name of Product</b>	ATS Mucin and ATS Mucin Bone Soils
<b>Generic Name of Product</b>	ATS Mucin and ATS Mucin Bone
<b>Product Code Number(s)</b>	ATS-M-100ML and ATS-M-500ML; ATS-MB-100ML and ATS-MB-500ML
<b>Purpose of Product</b>	ATS-Mucin Soil (ATS-M) has mucin added to ATS - targeted towards ENT instruments. ATS-Bone Soil (ATS-MB) has bone particulates and mucin added to ATS - targeted towards orthopedic instruments.
<b>Range of Applications for Product</b>	For simulated use soiling of medical devices for the purpose of conducting cleaning validations and cleaning verifications.
<b>Key specifications of product</b>	<ul style="list-style-type: none"> <li>• 1X Vial with dry test soil component.</li> <li>• Mixture of purified bovine proteins (hemoglobin, albumin), amino acids, vitamins, carbohydrates.</li> </ul>

**Shipping & Storage**

<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>• Store vials with dry test soil at room temperature.</li> <li>• Use vials reconstituted with water the same day of hydration.</li> </ul>
<b>Packaging Conditions</b>	
<b>Shelf Life</b>	18 months: See imprint.

**Instructions for Using Product**

<b>Description of Use (s)</b>	
<b>Preparation for Use</b>	
<b>Diagrams (drawings, pictures):</b>	
<b>Steps for Use of Product</b>	<ol style="list-style-type: none"> <li>1. Add 100ml sterile water for 100ml size bottle or 500ml sterile water for a 500ml size bottle of the soil component.</li> <li>2. Vortex ~20 to 30 minutes to homogenize the soil. Let the foam settle.</li> <li>3. After mixing, the solution can be stored for 2 weeks in a fridge at 0°C – 5°C.</li> <li>4. Contaminate the medical device in a manner which reflects real-life soiling from use.</li> </ol> <p>Note: In case of microbiological test, add the microbe-suspension after dissolving of the component. To avoid dilution of the test soil, subtract the amount of suspension from the solvent.</p>
<b>Interpretation of Results</b>	
<b>Contraindications of Test Results</b>	
<b>Documentation</b>	
<b>Special Warnings and Cautions</b>	<ul style="list-style-type: none"> <li>• Hazard Information <ul style="list-style-type: none"> <li>○ May be harmful if ingested or inhaled</li> <li>○ May cause skin irritation</li> <li>○ May cause eye irritation</li> <li>○ May be irritant to mucous membranes and upper respiratory tract</li> </ul> </li> <li>• First Aid Measures <ul style="list-style-type: none"> <li>○ After inhalation: Fresh air.</li> <li>○ After skin contact: Wash off with plenty of water. Remove contaminated clothing.</li> <li>○ After eye contact: Rinse with plenty of water with the eyelid held wide open. Call an Ophthalmologist.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ After swallowing: Make victim drink plenty of water. Call a physician.</li> <li>● Accidental release measures <ul style="list-style-type: none"> <li>○ After spillage. Dilute spilled substance with plenty of water and absorb with absorbent material.</li> </ul> </li> </ul>
<b>Disposal</b>	Dispose of in accordance with regional and/or national regulations.

<b>Reprocessing Instructions</b>	
<b>Point of use:</b>	
<b>Preparation for decontamination:</b>	
<b>Disassembly Instructions:</b>	
<b>Cleaning – Manual:</b>	
<b>Cleaning – Automated:</b>	
<b>Disinfection:</b>	
<b>Drying:</b>	
<b>Maintenance, inspection, and testing:</b>	
<b>Reassembly Instructions:</b>	
<b>Packaging:</b>	
<b>Sterilization:</b>	
<b>Storage:</b>	
<b>Additional Information:</b>	

<b>Related Healthmark Products</b>	
<b>Other Product Support Documents</b>	
<b>Reference Documents</b>	
<b>Customer Service contact:</b>	Healthmark Industries Company, Inc 33671 Doreka Fraser, MI 48026 1-586-774-7600 <a href="mailto:healthmark@hmark.com">healthmark@hmark.com</a> hmark.com