

# MATERIAL SAFETY DATA SHEET

Trade Name: Sani Hands, #8721

Date Prepared: June, 2003

Rev: March, 2004

## Section I - SOURCE INFORMATION

<b>Manufacturer's Name:</b>	Michigan State Industries, Inc.
<b>Address:</b>	Ryan Correctional Facility – Detroit
<b>Emergency Phone:</b>	(313) 368-3200 x51412 - (800) 222-1222 Poison Control
<b>Technical Information:</b>	(313) 368-3200 x51412
<b>Chemical Name:</b>	Surfactant Blend

## Section II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

<b>Hazardous Components</b>	<b>CAS No.</b>	<b>OSHA PEL*</b>	<b>ACGIH TLV*</b>	<b>Percentage</b>
Ethanol	64-17-5	1,000 ppm	1,000 ppm	<2%
Glycol Ethers	N/A	N/A	N/A	<3%

\*Exposure limits expressed as eight-hour time weighted average concentrations in parts of contaminant per million parts of air by volume (ppm). "Other limits" are recommended by the National Institute for Occupational Safety and Health (NIOSH) and are time-weighted over ten hours unless otherwise specified.

## Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	212° F	<b>Vapor Pressure:</b>	N/A
<b>Evaporation Rate: (Ethyl Ether =1)</b>	N/A	<b>Solubility in Water:</b>	Complete
<b>Appearance and Color:</b>	Golden, Clear Liquid	<b>Specific Gravity:</b>	1.0
<b>Vapor Density:</b>	>1	<b>pH</b>	7.0

## Section IV - FIRE and EXPLOSION HAZARD DATA

<b>Flash Point:</b>	210° F	<b>Extinguishing Media:</b>	Carbon Dioxide or Dry Chemical
<b>Flammable Limits:</b>	<b>LEL:</b> n/a	<b>UEL:</b> n/a	<b>Special Fire Fighting Procedures:</b> Avoid direct water spray
<b>Unusual Fire and Explosion Hazards:</b>	None Known		

## Section V - REACTIVITY DATA

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	
<b>Incompatibility:</b>	Strong oxidizing agents
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	

## Section VI - HEALTH HAZARD DATA

<b>Routes of Entry:</b>						
<b>Health Hazards: (Acute) &amp; (Chronic)</b>						
<b>Acute:</b>	Yes, eyes, swallowing					
<b>Chronic:</b>	No					
<b>Carcinogenicity:</b>	<b>NTP:</b>	No	<b>IARC:</b>	No	<b>OSHA:</b>	No

**NFPA- 704**

<b>HAZARD RATINGS:</b>	<b>4- Extreme</b> <b>3- Severe</b> <b>2- Moderate</b> <b>1- Slight</b> <b>0- None</b>					
<b>Health:</b>	1	<b>Fire:</b>	1	<b>Reactivity:</b>	0	

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### ***Section VI – HEALTH HAZARD DATA – Continued***

<b>Emergency and First Aid Procedures:</b>	
<b>Eye:</b>	If splashed into the eyes, flush eye's with clear water for 15 minutes or until irritation subsides. Hold eyelids apart to ensure flushing of the entire eye surface. If irritation persists, consult a physician.
<b>Swallow:</b>	If ingested, do NOT induce vomiting. If substantial vomiting occurs spontaneously, keep head below hips to prevent aspiration into lungs. Do NOT feed an unconscious or drowsy person by mouth.

### ***SECTION VII – PRECAUTIONS for SAFE HANDLING and USE***

<b>Steps to be Taken in Case of Material Release or Spill:</b>	Contain spill, add inert absorbent to spill area, collect in containers for disposal.
<b>Waste Disposal Method:</b>	This product does not meet the criteria for hazardous waste. Dispose of material in accordance with all federal, state and local regulation in an approved waste disposal facility.
<b>Precautions to be Taken in Handling and Storing:</b>	N/A
<b>Other Precautions:</b>	N/A

### ***SECTION VIII – CONTROL MEASURES***

<b>Respiratory Protection:</b>	None Needed	<b>Ventilation:</b>	Normal ventilation ordinarily sufficient.
<b>Protective Gloves:</b>	None Needed	<b>Eye Protection:</b>	Goggles or safety glasses w/side shields when handling large quantities of this product.

### ***SECTION IX – ADDITIONAL INFORMATION***

<b>DOT Shipping Name:</b>	Not Hazardous	
<b>Hazard Class:</b>	None	
<b>This product contains the following compounds which are subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR 372:</b>		
<b>Constituent</b>	<b>CAS#</b>	<b>Concentration</b>
N/A	N/A	N/A

This notification of reporting requirements cannot be removed for this MSDS and the copying and redistribution of this document must include this notice.

The information herein is believed to be accurate, but is not warranted to be, whether originated with Michigan State Industries, Inc. or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.