


1 Identification		<i>BioMERS</i>		Indication Liquid Immersion Disinfectant													
Manufacturer		Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 Contact: 800-489-8868 www.micrylium.com															
2 Hazard Identification		Health Hazard Identification		Physical Hazard Identification		Environmental Hazard Identification											
		No serious Health Hazards		Flammable		Biodegradable, No Endocrine Disruptors											
Hazardous Component		CAS#		UN#		R Phrases		Concentration		TLV							
Perfumery Product with Flammable Solvents		na - Blend		1266		R 11		71.5%		>1000 ppm							
3 Composition Chemical Characterization Ethanol, Chlorhexidine Gluconate, Water with Non-Ionic Surfactants, anti-corrosives, Essential Oils																	
4 First Aid Measures																	
General Rinse with water				Inhalation Mild reversible irritation. May cause dizziness				Ingestion Drink quantities of milk or water to dilute									
Skin contact No adverse effects. Slightly drying				Eye contact Mild reversible irritation. Flush with plenty of water													
5 Fire Fighting Measures Use dry chemical, Alcohol Foam or CO ₂ . Use water spray to disperse vapours and cool items																	
6 Accidental Release Measures No specific measures are necessary provided vapours are not permitted to build up																	
7 Handling & Storage Store in a cool, dry well ventilated location. Keep away from heat, sparks and flame. DO NOT mix with Bleach or Peroxides.																	
8 Exposure Controls-Personal Protection No specific measures required. Personal Protective Equipment not required.																	
9 Physical & Chemical Properties																	
Form		Colour		Scent		Solidification point		Boiling point		Flash Point		Density		pH		Kinematic Viscosity mm²/s	
Liquid		Orange		Orange		-20°C		87°C		17°C		.866		9.9		18	
10 Stability & Reactivity Stable under normal conditions. Incompatibility Strong oxidants, acid chlorides, silver salts Decomposition products CO ₂ CO																	
11 Toxicological Data BioSURF/MERS: Acute Dermal LD ₅₀ >5000 mg/kg; Acute Inhalation rat LC ₅₀ : 2.3 mg/L; Not found to be a dermal sensitizer: Acute Oral LD ₅₀ >5000 mg/kg; Occular Irritation 0.0 after 7 Days. Tests performed by Product Satety Labs, Dayton, NJ Grain derived Ethanol USP - All Ingredients Food or Pharma Grade - Free of Nonyl Phenyl Ethoxylates Reproductive Hazards Ingestion of large amounts can lead to liver damage Carcinogenicity None																	
12 Ecological Information Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients USP Pharma or Food Grade Soil Readily biodegrades Water Readily biodegrades Air Volatile Disposal Domestic																	
13 Disposal condiderations Domestic, No restrictions. Water Dilution 4:1 for flammability considerations																	
14 Transport Information																	
Land				Sea				IATA									
Hazard Class 3 UN1266 Packing Group II Limited Qty 5L max Emergency Response Guide # 127				Hazard Class 3.2 UN1266 Packing Group II Limited Qty 5L max Emergency Response Guide # 127				Hazard Class 3 UN1266 Packing Group II Limited Qty 500 mL Emergency Response Guide # 127									
																	
15 Regulatory TSCA -No reporting required all ingredients are listed in inventory. R11: Highly flammable. S9: Keep container in well-ventilated place. S16: Keep away from sources of ignition - No smoking. CERCLA - No hazardous pollutants - No Ozone depletion																	
16 Other Information The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to information and recommendations contained herein.																	