



Micrylium

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BioMERS™

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Material Safety Data Sheet

Section 1: Product Identification

Chemical Family Alcohols

Product Use Immersion Disinfectant

Section 2: Hazardous Ingredients

Chemical Name	%	CAS #	UN #	LD50 oral	TLV
Ethyl Alcohol (flammable)	70.5	64-17-5	1170	7060	1000

Section 3: Physical Data

Physical State Liquid	Appearance Translucent Orange	Freezing Point -20
pH 9.5	Specific Gravity 0.86	Evaporation Rate 1.2
		Boiling Point 85

Section 4: Fire & Explosion Data

Flammable Yes 3.3 Flash Point 23 Explosions Hazards Vapors form & may be ignited by spark or flame

Extinguishing Media Carbon Dioxide, dry chemical or foam

Special Procedures Use water spray to disperse vapours and cool items

Section 5: Reactivity Data

Chemical Stability Stable Incompatibility peroxides, nitric acid

Conditions to Avoid Flames, sparks Hazardous Decomposition Products None, yet if burned CO₂ produced

Hazardous Polymerization None

Section 6: Toxicological Properties

Carcinogens None Ingestion Dizziness, nausea Eye Contact Irritant, reversible damage

Teratogenicity Long term ingestion causes fetal abnormality Skin No adverse effects Mutagens None

Inhalation Dizziness, nausea Effects of Overexposure Repeated ingestion may cause liver damage

Section 7: First Aid Measures

Eyes Flush eyes with water for 20 minutes Inhalation Remove victim to fresh air

Ingestion Do NOT induce vomiting. Victim should drink large quantities of milk or water

Skin If irritation rinse thoroughly. To prevent dryness, apply moisturizing cream

Section 8: Preventive Measures

Spill or Leak Procedure Use paper towel to absorb, dispose with domestic garbage

Waste Disposal This product may be rinsed in sink as it contains NO environmentally toxic materials

Personal Protection No specific protection required. Use in well ventilated area

Section 9: Regulatory Information

WHMIS Classification Flammable liquid, eye irritant

Section 10: Preparation Data

Prepared By Quality Assurance & Control Department Effective Date 11/01/2008

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.

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