

DENTAL  
3-13



**MSDS** Emergency

CANUTEC  
613-996-6666  
CHEMTREC  
800-424-9300

Effective Date March 01, 2010

Document/Revision MSDS MERS 1.1

**1 Identification** *BioMERS* 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
<b>Hazardous Component</b>	<b>CAS#</b>	<b>UN#</b>	<b>R Phrases</b>
Perfumery Product with Flammable Solvents	na - Blend	1266	R 11
			<b>Concentration</b>
			71.5%
			<b>TLV</b>
			>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	<b>Inhalation</b> Mild reversible irritation. May cause dizziness	<b>Ingestion</b> Drink quantities of milk or water to dilute
<b>Skin contact</b> No adverse effects. Slightly drying	<b>Eye contact</b> Mild reversible irritation. Flush with plenty of water	

**5 Fire Fighting Measures**  
 Use dry chemical, Alcohol Foam or CO<sub>2</sub>. 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 mm <sup>2</sup> /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<sub>2</sub> CO

**11 Toxicological Data**  
 BioSURF/MERS: Acute Dermal LD<sub>50</sub> >5000 mg/kg; Acute Inhalation rat LC<sub>50</sub>: 2.3 mg/L; Not found to be a dermal sensitizer:  
 Acute Oral LD<sub>50</sub> >5000 mg/kg; Occular Irritation 0.0 after 7 Days. Tests performed by Product Safety 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 considerations** Domestic, No restrictions. Water Dilution 4:1 for flammability considerations

**14 Transport Information**

	Land	Sea	IATA
	Hazard Class 3 UN1266 Packing Group II <b>Limited Qty 5L max</b> Emergency Response Guide # 127	Hazard Class 3.2 UN1266 Packing Group II <b>Limited Qty 5L max</b> Emergency Response Guide # 127	Hazard Class 3 <b>UN1266</b> Packing Group II <b>Limited Qty 500 mL</b> 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.