


1 Identification		<i>BioSURF</i>		Indication Liquid Spray/Wipe 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
Liquid	Green	Lime	-20°C	87°C	17°C	.866	9.9	mm ² /s 16
10 Stability & Reactivity								
Stable under normal conditions.								
Incompatibility Strong oxidants, acid chlorides, silver salts			Decomposition products CO ₂ CO					
11 Toxicological Data								
BioSURF: 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 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	Volitile	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 5 L max Emergency Response Guide # 127	Hazard Class 3.2 UN1266 Packing Group II Limited Qty 5 L 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 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.								