



1. IDENTIFICATION									
Product Name		Lines			Manufacturer		Micrylium Laboratories Inc.		
Registration		CAN DIN	02240323		Address		5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com		
		US FDA	973765						
		EU CE	Class I						
Indication		Medical Device Disinfectant / Cleaner			Phone		416-667-7040		
					Fax		416-667-0071		
Emergency Phone #		CHEMTREC			1-800-424-9300		CANUTEC		1-613-996-6666
2. HAZARD IDENTIFICATION									
Symbol Pictogram		Not Applicable			Signal Word		Not Applicable		
					Symbol		Not Applicable		
Classification		Not Applicable							
Health Hazard		No Serious Health Hazards			Environmental Hazards		Biodegradeable		
Precautionary & Hazard Statements		H302: Harmful if swallowed.			P102: Keep out of reach of children. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water.				
3. COMPOSITION									
Chemical		CAS #		LD-50 (Oral, mg/kg) - Rat		Concentration (%)			
Ethanol		64-17-5		7,060		9.5			
Chlorhexidine Gluconate		18472-51-0		2,000		0.1			
Xylitol		87-99-0		4,000		0.6%			
4. FIRST AID MEASURES									
Inhalation		If breathing is difficult, remove individual to fresh air.			Ingestion		Drink large quantities of milk or water to dilute.		
Skin Contact		No adverse effects.			Eye Contact		Flush with plenty of water.		
Most Important Symptoms and Effects (Acute and Delayed)									
May cause mild reversible irritation if inhaled.									
Indication of any Immediate Medical Attention and Special Treatment Needed									
Not Applicable.									
5. FIREFIGHTING MEASURES									
Non-Flammable.									
6. ACCIDENTAL RELEASE									
Use all means to prevent spillage.									
7. HANDLING & STORAGE									
Store in a cool, dry, well-ventilated location. Keep away from heat, sparks and flames. DO NOT mix with bleach or peroxides. Storage and Transport: 0°- 30°C									
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION									
No specific measures required.									
9. PHYSICAL AND CHEMICAL PROPERTIES									
Physical State	Colour	Odour	Solidification point	Boiling point OECD 103	Flash Point ASTM D56	Density g/ml@ 25°C	pH	Kinematic Viscosity@23°C	
Transparent, Liquid	Light Blue	Licorice-Mint	-5°C	105°C	45°C	0.99	6.0	12 mm²/s	
10. STABILITY AND REACTIVITY									
Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts Decomposition: Products: CO <sub>2</sub> , CO									
11. TOXICOLOGICAL DATA									
Acute Dermal Toxicity		Not found to be dermal sensitizer			Acute Oral		N/A		
Ocular Irritation		0.0 severity after 7 days			Acute Inhalation Toxicity		N/A		
Reproductive Hazards		Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)			Carcinogenicity		Ingestion of Ethanol IARC Group 1.		
<b>CAUTION: Xylitol is toxic to dogs, rabbits cows, baboons and horses when consumed.</b>									
12. ECOLOGICAL INFORMATION									
Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data.									
Ethanol		EC50 (72h) = 275 mg/l (Chlorella vulgaris)		Fathead minnow (Pimephales promelas) LC50 = 14200 Mg/L/96h		Photobacterium Phosphoreum: EC50 = 34634 Mg/L/30 min Photobacterium Phosphoreum: EC50 = 35470 Mg/L/5 min		EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h	
13. DISPOSAL CONSIDERATIONS									
Domestic.									
14. TRANSPORT INFORMATION									
Not regulated									
N/A	Land			Sea			Air (IATA)		
	N/A			N/A			N/A		
	N/A			N/A			N/A		
	N/A			N/A			N/A		
15. REGULATORY INFORMATION									
TSCA – No reporting required.					CERCLA – No hazardous pollutants or ozone depletion.				
16. OTHER INFORMATION									
The information and recommendations contained herein are based on information believed to be correct. It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied.									
Effective Date: 2022/05/16			Revision Date: 2025/09/01			Document: LINES 1.3			