

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	12mm²/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.			
CAUTION: Xylitol is toxic to dogs, rabbits cows, baboons and horses when consumed.								
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: 2025/10/31					Document: LINES 2.0			