

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 #	CHEMTRAC		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.			<b>P102:</b> Keep out of reach of children. <b>P301:</b> IF SWALLOWED: Drink large quantities of water or milk. <b>P305:</b> 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															