

# BioTEXT™ SDS

1. IDENTIFICATION																		
Product Name	BioTEXT			Manufacturer	Micrylium Laboratories Inc.													
Registration	CAN DIN	Liquid:	02442329	Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com													
		Wipes:	02209640															
	CH BAG	CHZB0163																
Indication	Clinical surface disinfectant			Phone	416-667-7040													
Emergency Phone #	CHEMREC			Fax	416-667-0071													
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 & Statements	<p><b>H302:</b> Harmful if swallowed.  <b>H317:</b> May cause an allergic skin reaction.  <b>H336:</b> May cause drowsiness or dizziness.</p> <p><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.</p>																	
3. COMPOSITION																		
Chemical			CAS#	LD-50 (Oral, mg/kg))	Concentration (%)													
Ethanol	64-17-5		7,060 (Rat)	19.9%														
Chlorhexidine Gluconate	18472-51-0		2,000 (Rat)	0.1%														
4. FIRST AID MEASURES																		
Inhalation	If breathing is difficult, remove individual to fresh air.			Ingestion	Drink large quantities of milk or water to dilute. Do not induce vomiting.													
Skin Contact	No adverse effects. Slightly drying.			Eye Contact	Flush with plenty of water.													
<b>Most Important Symptoms and Effects (Acute and Delayed)</b>																		
May cause acute mild drowsiness, respiratory and/or eye irritation.																		
<b>Indication of any Immediate Medical Attention and Special Treatment Needed</b>																		
Not Applicable.																		
5. FIREFIGHTING MEASURES																		
Non-flammable.																		
6. ACCIDENTAL RELEASE																		
Use all means to prevent spillage. No other 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 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	Blue	Fresh	-10°C	90°C	36°C	0.971	9.0	12 mm²/s										
10. STABILITY AND REACTIVITY																		
Stable under normal conditions. <b>Incompatibility:</b> Strong oxidants, acid chlorides, silver salts. <b>Decomposition:</b> Products: CO <sub>2</sub> , CO																		
11. TOXICOLOGICAL DATA																		
Acute Dermal Toxicity	LD <sub>50</sub> >5000 mg/kg Not found to be dermal sensitizer				Acute Oral	LD <sub>50</sub> >5000 mg/kg												
Ocular Irritation	0.0 severity after 7 days				Acute Inhalation Toxicity	LC <sub>50</sub> : 2.3 mg/L Rat												
Reproductive Hazards	Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)				Carcinogenicity	Ingestion of Ethanol IARC Group 1.												
Tests Performed by Product Safety Labs, Dayton, NJ USA																		
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																		
<p>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.</p>																		
Effective Date: 2025/10/31				Document: TEXT 2.0														