



Multi-Purpose Multi-Surface

CA DIN 02442329 / CH BAG # CHZB0163 / DE BAUA N-24686

Clinical Surface Disinfectant – One Step

Contact Time - 3 Minutes

Intermediate Level – Tuberculocidal, Bactericidal, Virucidal & Fungicidal in the presence of Bioburden

Colour: Light Blue | Scent: Fresh

Protocol

Available Sizes:

60 mL Travel Sprayer (case of 10) (01-TEXT-060)

710 mL Spray Bottle (case of 4) (01-TEXT-704)

5 L EcoPACK (01-TEXT-005)

LeCLOTH™ Dry Wipes (Case of 300 Sheets 229 x 229mm/ 9" x 9") (04-LCWR-300)

Purpose:

BioTEXT™ provides fast effective disinfection in the presence of bioburden, while minimizing the impact on the Environment, People and Equipment.

Suitable for:

Most surfaces, medical devices including irregular soft ones like tubing, vinyl, leather and naugahyde. Effective cleaning and remediation of moulds and biofilms. Deodorizing, cleaning sporting goods and equipment.

Applied Asepsis Concepts:

Micrylium has a product development strategy based on what we call "Chair Theory". The four legs of a chair give it balance. Most products do not have this balance. They may be one minute kill on TB, but 15 minutes on Polio. The chair legs concepts in Microbiology are Mycobacteria, non-enveloped viruses, fungal spores and gram negative bacteria. Our kill times are measured as the longest time to cover all benchmarks. BioTEXT™ disinfects effectively in heavy blood/saliva and protein environments. Halogens (Cl, Br, I), Quaternary Ammoniums and Peroxides are reactive with proteins limiting their ability to perform in many clinical settings.

Quality Commitment:

Our vision of asepsis holistically links the patient/client safety with the safety of professional staff. Our chemistry is based on antiseptics of pharma grade (USP EP BP NF) origin. Quality ingredients include biodegradable surfactants (many of which are plant based), USP grain derived absolute Ethanol and naturally derived scents. OECD 301D Tests conclude biodegradability (28 days). Our EcoPACK™ concept delivers fresh product (no Oxidation) and is fully recyclable. (EVOH bag/Recycled Corrugated Box)

Instructions for Use:

- 1) Surface Spray - remove trigger from BioTEXT™ spray bottle and dispense BioTEXT™ into the bottle from the EcoPACK™ spigot. Replace trigger. Spray BioTEXT™ lightly as a mist over surfaces to be disinfected. Wait three minutes then wipe thoroughly with LeCLOTH™ or disposable paper towel. Micrylium recommends using LeCLOTH™ biodegradable sheet for ethanol disinfectants – 229 x 229 mm (9" x 9").
- 2) Surface Wipe Options - Create your own wet wipes (Recommended amount 8-10mL)
 - a.) Carefully dispense BioTEXT™ from the EcoPACK™ spigot directly onto a LeCLOTH™ sheet.
 - b.) BioTEXT™ solution can be sprayed from the sprayer directly onto the sheet.
 - c.) Fold a LeCLOTH™ sheet and place in a small bowl or a measuring cup. Dispense BioTEXT™ (8-10mL per wipe) from the EcoPACK™ spigot. Wipe surface thoroughly until wet. Let sit for three minutes.

Precautions:

USE FULL STRENGTH – Do Not Dilute. RTU (Ready To Use Formulation) Do not use on surfaces that undergo rapid temperature changes.

AVOID CONCURRENT USE WITH BLEACH - Staining (yellow/brown) can occur. On some surfaces, including uniforms, this can be removed by soaking with Borax™ (Sodium Borate). When disinfecting electronics or delicate equipment it is recommended that you use a pre-saturated LeCLOTH™ sheet or a BioTEXT™ wet wipe. Do not spray directly onto these surfaces.

Helpful Tips:

Pre-cleaning can spread bacterial contamination. BioTEXT™ contains surfactants/detergents that clean and penetrate microbial contamination in one step. If your protocol requires two step cleaning & disinfection (or there is visible bioburden), use BioTEXT™ for both steps to minimize risk to staff and reduce the risk of vector transmission. With frequent use some residue may accumulate. BioTEXT™ contains surfactants and although harmless, this residue should be removed weekly with a water moistened LeCLOTH™ or microfiber towel. See our website for specific details: www.micrylium.com/products



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KINDER



SAFER



FASTER



1. IDENTIFICATION									
Product Name		BioTEXT			Manufacturer		Micrylium Laboratories Inc.		
Registration		CAN DIN	Liquid: 02442329	Wipes: 02209640	Address		5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com		
		CH BAG		CHZB0163					
		DE BAUA		N-24686					
Indication		Clinical surface disinfectant			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 & Statements		H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H336: May cause drowsiness or dizziness.			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)		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.		
Most Important Symptoms and Effects (Acute and Delayed)									
May cause acute mild drowsiness, respiratory and/or eye irritation.									
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. 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. Incompatibility: Strong oxidants, acid chlorides, silver salts. Decomposition: Products: CO ₂ , CO									
11. TOXICOLOGICAL DATA									
Acute Dermal Toxicity		LD ₅₀ >5000 mg/kg Not found to be dermal sensitizer			Acute Oral		LD ₅₀ >5000 mg/kg		
Ocular Irritation		0.0 severity after 7 days			Acute Inhalation Toxicity		LC ₅₀ : 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									
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.									
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