



BioTEXT



- ✓ Cleans
- ✓ Disinfects
- ✓ Protects



ONE-STEP CLINICAL SURFACE DISINFECTANT

BioTEXT is the only ready-to-use broad spectrum hospital and food grade clinical disinfectant specifically formulated for use on delicate or irregular surfaces. It is proven to kill benchmark organisms on Naugahyde, leather, vinyl, plastic and rubber surfaces. Ideal for tubing, fabrics, carpets, chairs and other high touch surfaces such as keyboards and glass touch screen devices. BioTEXT has a pleasant fresh scent.



DIN 02209640

VIRUCIDAL • BACTERICIDAL • FUNGICIDAL • TUBERCULOCIDAL

FASTER



ONE-STEP Disinfection

Clean & disinfect in one step enabling quicker turn around times and less product wastage



3 Minute Contact Time

Fast broad spectrum surface disinfectant kill time across all four pathogen categories



Broad Spectrum Disinfectant

Effective against TB, HBV, HCV, HIV, STAPH, COVID-19, MRSA, Fungi & more

SAFER



Protect & Rejuvenate

Safe on leather, vinyl, naugahyde & plastic. Will not crack or discolour surfaces.



Non-Streaking Formulation

Clean & disinfect without streaking or damaging your glass or plastic surfaces



Safe for Users

Does not contain quats, phenols, peroxides or aldehydes. Is a non-toxic disinfectant made from plant-based ingredients. No PPE necessary.

KINDER



Environmentally Friendly

All products are made with biodegradable, plant-based ingredients



Certified Biodegradable

All ingredients are certified USP Pharma grade and/or food grade quality

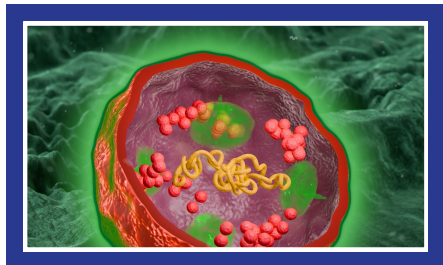


Recyclable Packaging

Bag-in-Box and spray bottles are designed to be environmentally friendly

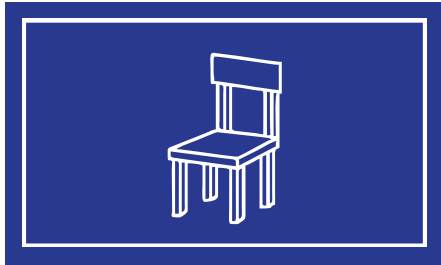


THE SURFOL



SurfOL, Micrylium's proprietary surfactant, eliminates the air between the disinfectant and the surface to be cleaned. This allows for the immediate contact of the disinfectant and the flattened pathogen. **The result is a faster kill time.**

THE CHAIR THEORY



Micrylium's product development strategy is based on **"The Chair Theory"**. The four legs of the chair, which keep it balanced, are the four major categories of pathogens. The kill times advertised on competitor products reflect the pathogens with the fastest results. For example; competitors may achieve a 1-minute kill on TB and 15 minutes on Polio-virus but advertise only 1-minute. **We advertise a kill time that balances the kill rates of all 4 pathogens.**

PROTECTIVE COATING



BioTEXT contains Micrylium's patented SurfOL that provides a protective coating which is designed for your delicate surfaces. This technology **protects your soft surfaces** leaving them rejuvenated and looking like new.

HOW TO USE

SURFACE SPRAY STEP-BY-STEP

1

Remove trigger from BioTEXT™ spray bottle and dispense BioTEXT™ into the bottle from the EcoPACK™ spigot. Replace trigger.

2

Spray BioTEXT™ lightly as a mist over surfaces to be disinfected.

3

Wait 3 minutes and then wipe thoroughly with LeCLOTH™ or disposable paper towel.

SURFACE WIPE STEP-BY-STEP

1

To create your own wet wipes (Recommended amount 8-10mL), carefully dispense BioTEXT™ from the EcoPACK™ spigot directly onto LeCLOTH™ sheet.

2

BioTEXT™ solution can also be sprayed from spray bottle directly onto a LeCLOTH™ sheet.

3

You can also fold a LeCLOTH™ sheet and place in a small bowl or measuring cup. Dispense BioTEXT™ (8-10mL per wipe) from EcoPACK™ spigot. Wipe thoroughly and let sit for 3 minutes.

PRODUCT SPECIFICATION DATA

Item Number	Product Description	Packaging
01-TXWC-160	BioTEXT Canister Wipe RTU (160 Sheets)	Case of 12
01-TEXT-060	BioTEXT 60mL Mini Spray Bottle RTU	Case of 10
01-TEXT-704	BioTEXT 710mL Spray Bottle RTU	Case of 4
01-TEXT-005	BioTEXT 5L Bag-in-Box RTU	1 Box

CUSTOMER REVIEWS

“BioTEXT has been a complete game changer for our clinic partners. Being able to offer a disinfectant that is safe on all surfaces—including sensitive technology—has allowed the highest level of infection control without the long-term worry of damage from harsh chemicals. Plus, it keeps staff safety front and centre.”

Rachel Hicks, CEO, Fern Whitening





ONE-STEP

CLINICAL SURFACE DISINFECTANT

TESTING



Micrylium disinfectants are lab tested for their contact times in the presence of fresh human whole blood. Most competitive disinfectants are tested on animal blood because the protein in human blood neutralizes their effectiveness. The most difficult benchmark is TB which BioTEXT effectively kills in less than 180 seconds. Gram-negative biofilm formers (*Pseudomonas sp.*) are neutralized in 180 seconds.

IRREGULAR SURFACES



BioTEXT is specifically designed to disinfect vinyls, naugahydes, glass and plastics. These surfaces are irregular in contrast to counters and trays. Quats, Phenols and hydrogen peroxide disinfectants may dry and crack these surfaces. Many times these irregular surfaces are treated with water repellent protective coatings. Disinfectants that are diluted with water bead up and are thus ineffective. Using BioTEXT effectively kills pathogens while protecting your delicate surfaces.

BLOOD STAINS



For blood spills on uniforms or other clothing, spray immediately to prevent the exponential growth of microbes and to soften the stain on clothing or textiles. Wash garments with BioSON detergent as soon as possible to ensure complete removal of staining.

CONTACT TIME

Pathogen Type	Strain	Effective Contact Time
Bacteria	Salmonella choleraesuis (ATCC 10708)	180 seconds
Bacteria	Pseudomonas aeruginosa (ATCC 15442)	180 seconds
Bacteria	Staphylococcus aureus (ATCC 6538)	180 seconds
Bacteria	Pseudomonas aeruginosa (ATCC 15442)	180 seconds
Bacteria	Escherichia coli (CTC 10541)	180 seconds
Mycobacterium	Mycobacterium bovis (BCG)	180 seconds
Mycobacterium	Mycobacterium terrae (ATCC 15755)	180 seconds
Mycobacterium	Mycobacterium tuberculosis var; bovis (BCG) (*Tuberculocidal activity)	180 seconds
Mycobacterium	Mycobacterium smegmatis (*Tuberculocidal activity)(PN 1034)	10 minutes
Fungi	Trichophyton mentagrophytes (ATCC 9533)	180 seconds
Fungi	Trichophyton menghini (ATCC 12106)	180 seconds
Fungi	Candida albicans candida auris	180 seconds
Virus	Canine Parvovirus (CPV-265)	300 seconds
Virus	Coronavirus 2 (SARS-CoV-2)	30 seconds
Virus	Coronavirus 19 (SARS-CoV-19)	30 seconds

Note: Initial Formulation Batch (aged 60 days) tested on 60 replicates as indicated in AOAC method 955.15 for confidence level of 95%.
Each Production Batch is tested with 10 replicates (0% failure) to monitor ongoing quality control specifications for each product.
* Testing performed at Nucro-Technics Laboratory, 2000 Ellesmere Road, Unit 16 Scarborough, Ontario
All other tests performed at Micrylium Laboratories, 117 Dolomite Drive, North York, Ontario

Health Canada BioTEXT COVID-19 Certification www.canada.ca/en/health-canada.html



BTCA4.31.10.25

Contact your Authorized Dealer to order.



Manufactured By
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www.micrylium.com

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						
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.				P102: Keep out of reach of children.				
	H317: May cause an allergic skin reaction.				P301: IF SWALLOWED: Drink large quantities of water or milk.				
	H336: May cause drowsiness or dizziness.				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 specificmeasuresrequired.									
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 DermalToxicity	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			AcuteInhalation Toxicity	LC ₅₀ : 2.3 mg/L Rat				
Reproductive Hazards	Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)			Carcinogenicity	Ingestion of Ethanol IARC Group1.				
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.									
Effective Date: 2025/10/31				Document: TEXT 2.0					