



# BioTEXT™



## 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.



#### Safer 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.



✓ Non-Toxic

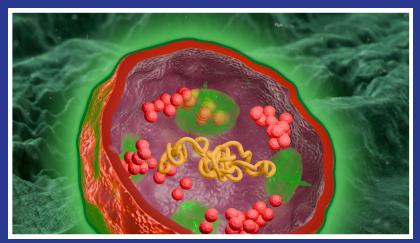
✓ Cleans & Disinfects

✓ Protects Equipment



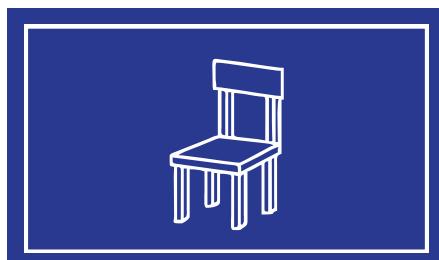
# ONE-STEP CLINICAL SURFACE DISINFECTANT

## 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 Poliovirus 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



*BioTEXT™* solution can be sprayed from spray bottle directly onto a *LeCLOTH™* sheet or paper towel.



Clean & disinfect in one step with *BioTEXT™*.



Allow *BioTEXT™* to stay on surface for 3 minutes.

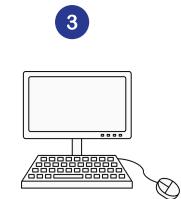
### WHERE TO USE



Leather, vinyl and naugahyde chairs and all surfaces



Glass, rubber and plastic surfaces



Keyboards, light switches and all electronic devices

## 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

BTCA4.31.10.25



### Manufactured By

Micrylium Laboratories Inc  
5000M Dufferin Street, Toronto, Canada  
M3H 5T5  
+1 416-667-7040  
[www.micrylium.com](http://www.micrylium.com)



## 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.

## 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 Nuero-Technics Laboratory, 2000 Ellesmere Road, Unit 16 Scarborough, Ontario  
All other tests performed at Micrylium Laboratories, 117 Dolomite Drive, North York, Ontario



# BioTEXT™ SDS

1. IDENTIFICATION																				
<b>Product Name</b>	BioTEXT			<b>Manufacturer</b>	Micrylium Laboratories Inc.															
<b>Registration</b>	<b>CAN DIN</b>	Liquid:	02442329	<b>Address</b>	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com															
		Wipes:	02209640																	
	<b>CH BAG</b>	CHZB0163																		
	<b>DE BAUA</b>	N-24686																		
<b>Indication</b>	Clinical surface disinfectant			<b>Phone</b>	416-667-7040															
				<b>Fax</b>	416-667-0071															
<b>Emergency Phone #</b>	CHEMREC			1-800-424-9300	<b>CANUTEC</b>	1-613-996-6666														
2. HAZARD IDENTIFICATION																				
<b>Symbol Pictogram</b>	Not Applicable			<b>Signal Word</b>	Not Applicable															
				<b>Symbol</b>	Not Applicable															
<b>Classification</b>	Not Applicable																			
<b>Health Hazard</b>	No Serious Health Hazards				<b>Environmental Hazards</b>	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																				
<b>Chemical</b>			<b>CAS#</b>			<b>LD-50 (Oral, mg/kg))</b>	<b>Concentration (%)</b>													
Ethanol	64-17-5			7,060 (Rat)		19.9%														
Chlorhexidine Gluconate	18472-51-0			2,000 (Rat)		0.1%														
4. FIRST AID MEASURES																				
<b>Inhalation</b>	If breathing is difficult, remove individual to fresh air.			<b>Ingestion</b>	Drink large quantities of milk or water to dilute. Do not induce vomiting.															
<b>Skin Contact</b>	No adverse effects. Slightly drying.			<b>Eye Contact</b>	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																				
<b>Physical State</b>	<b>Colour</b>	<b>Odour</b>	<b>Solidification point</b>	<b>Boiling point OECD 103</b>	<b>Flash Point ASTM D56</b>	<b>Density g/ml @ 25°C</b>	<b>pH</b>	<b>Kinematic Viscosity@23°C</b>												
Transparent, Liquid	Blue	Fresh	-10°C	90°C	36°C	0.971	9.0	12 mm <sup>2</sup> /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																				
<b>Acute Dermal Toxicity</b>		LD <sub>50</sub> >5000 mg/kg Not found to be dermal sensitizer			<b>Acute Oral</b>	LD <sub>50</sub> >5000 mg/kg														
<b>Ocular Irritation</b>		0.0 severity after 7 days			<b>Acute Inhalation Toxicity</b>	LC <sub>50</sub> : 2.3 mg/L Rat														
<b>Reproductive Hazards</b>		Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)			<b>Carcinogenicity</b>	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														
13. DISPOSAL CONSIDERATIONS																				
Domestic.																				
14. TRANSPORT INFORMATION																				
Not regulated																				
N/A	<b>Land</b>			<b>Sea</b>	<b>Air (IATA)</b>															
	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																