

The Original Green

CA DIN 02209756 / US EPA 70467-3 / CH BAG#CHZB0163 / DE BAUA N-24586 / FDA D142277

Hard Surface Disinfectant – One Step

Contact Time < 1 Minute (less than)

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

Colour: Green | Scent: Lime, Mango, Pepper

Available Sizes:

60 mL Travel Sprayer (case of 10) (01-SURF-060) 710 mL Spray Bottle (case of 4) (01-SURF-704) 5 L EcoPACK (01-SURF-005)

LeCLOTH[™] Dry Wipes (Case of 300 Sheets 229 x 229mm/ 9"X9") (04-LCWR-300)

Purpose:

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

Suitable for:

Hard surfaces, kennels and other veterinary devices, medical devices, instruments and prothesis including dental impressions. Effective for cleaning and remediation of moulds and biofilms. Bacteriostatic when diluted in solutions like pumice.

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. BioSURF™ disinfects effectively in heavy blood/saliva and protein environments. Halogens (CI, 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 BioSURF[™] spray bottle and dispense BioSURF[™] into the bottle from the EcoPACK[™] spigot. Replace trigger. Spray BioSURF[™] lightly as a mist over surfaces to be disinfected. Wait one minute 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 BioSURF™ from the EcoPACK™ spigot directly onto a LeCLOTH™ sheet.
- b.) BioSURF™ 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 BioSURF™ (8-10mL per wipe) from the EcoPACK™ spigot. Wipe surface thoroughly until wet. Let sit for one minute.

Clinicians Report: https://www.cliniciansreport.org/uploads/files/1765/BioSURF-course-HO.pdf

Protocol for disinfection in the presence of visible body fluid from known Infectious host.

Rella Christensen's technique: Wet LeCLOTH™ wipe with BioSURF™ solution. Wipe back and forth, then back and forth at 90°.

Let sit for 3 minutes. Repeat procedure for another 3 minutes.

Caution: Use with care as the product is Flammable

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). CAUTION - NOT FOR USE on acrylic latex painted surfaces or vinyl upholstery.

Avoid longer than 10 minutes contact time with rubber or silicone materials.

Helpful Tips:

Pre-cleaning can spread bacterial contamination. BioSURF™ 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 BioSURF™ for both steps to minimize risk to staff and reduce the risk of vector transmission.

With frequent use some residue may accumulate. BioSURF™ 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











Revision Date: Nov 27, 2023 v2.0



BioSUR		טעט							
1. IDENTIFIC	ATION							:	
Product Name		BioSURF		Manufactur	rer	Micrylium Laboratories	Inc.		RioSURF
Registration		CAN DIN 02209756	6	Address		5000M Dufferin Street			
_	•	US EPA 70467-3		1		Toronto, Canada,	-		
		US FDA D142277		1		M3H 5T5			
	•	CH BAG CHZB016		1		www.micrylium.com			<u></u>
dication		Hospital hard surface disinfe		Phone		416-667-7040			
uication		Hospital Hard Surface distrilectant							
		CHEMTREC		Fax 1-800-424-9300		416-667-0071		1-613-996-6666	
nergency Phone #	DENITIES	CHEMTREC		1-800-424-9	9300	CANUTEC	<u> </u>	613-996-66	000
2. HAZARD II	DENTIFICA	ATION		<u> </u>	1				
Symbol Pictogram		(8)		Signal Word Symbol		Warning Flame			
azard Classification		Flammable Liquid Category	3	- I					
ealth Hazard		Use Care (See Precautiona		Statements)		Environmental Hazar	rds B	odegradea	ble (OECD 301D
Precautionary &	у	P102: Keep out of reach of ch	not surfaces, spark		nd other ignition sour	rces. H302 : H	Flammable liquid and	. '	
Hazard Stateme	ents	P301: IF SWALLOWED: Drink P305: IF IN EYES: Flush eye					May cause an allergi May cause drowsine		
3. COMPOSIT	TION		1		1		Τ		
hemical			CAS#			, mg/kg) - Rat	Concentration	n (%)	
thanol			64-17-5		7,060		70.0%		
hlorhexidine Glucona	te		18472-51-0		2,000		0.2%	•	
4. FIRST AID		ES							
halation		g is difficult, remove individua	al to fresh air		Ingestion	Drink large gu	antities of milk or	water Do	not induce vomitir
kin Contact		e dryness or irritation with pro		:	Eye Contac			.,u.u. DU	madoc vomili
		Effects (Acute and Delayed)		•	Lye Contac	t I lusii witii piei	ity of water.		
		respiratory and/or eye irritation							
	ediate Med	lical Attention and Special 1	Treatment Nee	eded					
ot Applicable.									
5. FIREFIGHT	TING MEAS	SURES							
se dry chemical, foar	or CO ₂ Us	se water spray to disperse va	nours if needed	Firefighters	· As with any fire	16 4 1 1 1	aathing annarat	ie	
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