


## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

073248945

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071159342 071162247 074875282 074875316 074875605 074875621


1 Identification		BioSURF Indication Liquid Spray/Wipe Disinfectant						
Manufacturer		Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 Contact: 800-489-8868 www.micrylium.com						
2 Hazard Identification		Heath Hazard Identification No serious Health Hazards		Physical Hazard Identification Flammable		Environmental Hazard Identification Biodegradable, No Endocrine Disruptors		
Hazardous Component		CAS#	UN#	R Phrases	Concentration	TLV		
Perfumery Product with Flammable Solvents		na - Blend	1266	R 11	70.5%	>1000 ppm		
3 Composition Chemical Characterization Ethanol, Chlorhexidine Gluconate, Water with Non-Ionic Surfactants, anti-corrosives, Essential Oils								
4 First Aid Measures								
General Rinse with water		Inhalation	Mild reversible irritation. May cause dizziness		Ingestion	Drink quantities of milk or water to dilute		
Skin contact No adverse effects. Slightly drying		Eye contact	Mild reversible irritation. Flush with plenty of water					
5 Fire Fighting Measures								
Use dry chemical, Foam or CO2. Use water spray to disperse vapours and cool items								
6 Accidental Release Measures								
No 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 flame. DO NOT mix with Bleach or Peroxides.								
8 Exposure Controls-Personal Protection								
No specific measures required. Personal Protective Equipment not required.								
9 Physical & Chemical Properties								
Form	Colour	Scent	Solidification point	Boiling point	Flash Point	Density	pH	Kinematic Viscosity mm <sup>2</sup> /s
Liquid	Green	Lime	-20°C	87°C	17°C	.866	9.9	16
10 Stability & Reactivity								
Stable under normal conditions.								
Incompatability Strong oxidants, acid chlorides, silver salts				Decomposition products CO <sub>2</sub> CO				
11 Toxicological Data								
BioSURF: Acute Dermal LD50 >5000 mg/kg; Acute Inhalation rat LC50: 2.3 mg/L; Not found to be a dermal sensitizer: Acute Oral LD50 >5000 mg/kg; Occular Irritation 0.0 after 7 Days. Tests performed by Product Satety Labs, Dayton, NJ Grain derived Ethanol USP - All Ingredients Food or Pharma Grade - Free of Nonyl Phenyl Ethoxylates.								
Reproductive Hazards Ingestion of large amounts can be dangerous				Carcinogenicity None				
12 Ecological Information								
Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients USP Pharma or Food Grade								
Soil Readily biodegrades		Water Readily biodegrades		Air Volitile		Disposal Domestic		
13 Disposal condiderations Domestic, No restrictions. Water Dilution 4:1 for flammability considerations								
14 Transport Information								
Land		Sea			IATA			
	Hazard Class 3 UN1266 Packing Group II Limited Qty 5 L max Emergency Response Guide # 127	Hazard Class 3.2 UN1266 Packing Group II Limited Qty 5 L max Emergency Response Guide # 127			Hazard Class 3 UN1266 Packing Group II Limited Qty 500 mL Emergency Response Guide # 127			
15 Regulatory								
TSCA -No reporting required all ingredients listed in inventory. R11: Highly flammable. S9: Keep container in well-ventilated place. S16: Keep away from sources of ignition - No smoking. CERCLA - No hazardous pollutants - No Ozone depletion								
16 Other Information								
The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to information and recommendations contained herein.								



**SDS** Emergency  
www.micrylium.com

CANUTEC  
613-996-6666  
CHEMTREC  
800-424-9300

Effective Date October 01, 2016  
Document/Revision SDS SURF1.5

<b>1 Identification</b>		<b>BioSURF</b>							<b>Indication</b> Liquid Spray/Wipe Disinfectant - One Step Tuberculocide										
<b>Manufacturer</b>		Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 416-667-7040																	
<b>2 Hazard Identification</b>		<b>Heath Hazard Identification</b> No serious Health Hazards			<b>Physical Hazard Identification</b> Flammable			<b>Environmental Hazard Identification</b> Biodegradable, No Endocrine Disruptors											
<b>Hazardous Component</b>		<b>CAS#</b>		<b>UN#</b>		<b>R Phrases</b>		<b>Concentration</b>		<b>TLV</b>									
Perfumery Product with Flammable Solvents		na - Blend		1266		R 11		70.5%		>1000 ppm									
<b>3 Composition Chemical Characterization</b>		Ethanol, Chlorhexidine Gluconate, Water with Non-Ionic Surfactants, Anti-Corrosives, Essential Oils																	
<b>4 First Aid Measures</b>		<b>General</b> Rinse with water		<b>Inhalation</b>		Mild reversible irritation. May cause dizziness		<b>Ingestion</b>		Drink quantities of milk or water to dilute									
<b>Skin contact</b> No adverse effects. Slightly drying		<b>Eye contact</b>		Warning: Mild reversible irritation. Flush with plenty of water															
<b>5 Fire Fighting Measures</b>		Use dry chemical, Foam or CO2. Use water spray to disperse vapours and cool items																	
<b>6 Accidental Release Measures</b>		No specific measures are necessary provided vapours are not permitted to build up																	
<b>7 Handling &amp; Storage</b>		Store in a cool, dry well ventilated location. Keep away from heat, sparks and flame. DO NOT mix with Bleach or Peroxides. Storage & Transport 5° - 30° C																	
<b>8 Exposure Controls-Personal Protection</b>		No specific measures required. Personal Protective Equipment not required.																	
<b>9 Physical &amp; Chemical Properties</b>		<b>Form</b>		<b>Colour</b>		<b>Scent</b>		<b>Solidification point</b>		<b>Boiling point</b>		<b>Flash Point</b>		<b>Density</b>		<b>pH</b>		<b>Kinematic Viscosity</b> mm <sup>2</sup> /s	
Liquid		Green		Lime		-20°C		87°C		17°C		.866		9.9		16			
<b>10 Stability &amp; Reactivity</b>		Stable under normal conditions.										<b>Incompatability</b> Strong oxidants, acid chlorides, silver salts		<b>Decomposition products</b> CO <sub>2</sub> CO					
<b>11 Toxicological Data</b>		BioSURF: Acute Dermal LD50 >5000 mg/kg; Acute Inhalation rat LC50: 2.3 mg/L; Not found to be a dermal sensitizer: Acute Oral LD50 >5000 mg/kg; Occular Irritation 0.0 after 7 Days. Tests performed by Product Satety Labs, Dayton, NJ Grain derived Ethanol USP - All Ingredients Food or Pharma Grade - Free of Nonyl Phenyl Ethoxylates.																	
<b>Reproductive Hazards</b>		Ingestion of large amounts can be dangerous										<b>Carcinogenicity</b> None							
<b>12 Ecological Information</b>		<b>Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients USP Pharma or Food Grade</b>																	
<b>Soil</b>		Readily biodegrades		<b>Water</b>		Readily biodegrades		<b>Air</b>		Volitile		<b>Disposal</b>		Domestic					
<b>13 Disposal condiderations</b>		Domestic, No restrictions. Water Dilution 4:1 for flammability considerations																	
<b>14 Transport Information</b>		<b>Land</b>		<b>Sea</b>		<b>IATA</b>													
		Hazard Class 3 UN1266 Packing Group II <b>Limited Qty 5 L max</b> Emergency Response Guide # 127		Hazard Class 3.2 <b>UN1266</b> <b>Packing Group II Limited Qty 5 L max</b> Emergency Response Guide # 127		Hazard Class 3 <b>UN1266</b> Packing Group II <b>Limited Qty 500 mL</b> Emergency Response Guide # 127													
<b>15 Regulatory</b>		TSCA -No reporting required all ingredients listed in inventory. R11: Highly flammable. S9: Keep container in well-ventilated place. S16: Keep away from sources of ignition - No smoking. CERCLA - No hazardous pollutants - No Ozone depletion																	
<b>16 Other Information</b>		The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to information and recommendations contained herein.																	