

1. IDENTIFICATION Product Name									
	BioSURF			Manufacturer		Micrylium Laboratories Inc.			
Registration	CAN DIN 02209756		Address		5000M Dufferin Street,				
	US EPA	70467-3		4		Toronto, Canada,			
	US FDA D142277 CH BAG CHZB0163 Hospital hard surface disinfectant			4		M3H 5T5 www.micrylium.com			
Indication				Dhama		,			
Indication						416-667-7040 416-667-0071			
Emergency Phone #	CHEMTREC				1-800-424-9300 CANUTEC			1-613-996-66	666
2. HAZARD IDENTIFIC				1 000 424	3000	CAROTEO		1 010 000 00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Symbol Pictogram		^		Signal Wo	rd	Warning			
,			Symbol		Flame				
		V							
Hazard Classification	Flammable Liqui								
Health Hazard	Use Care (See F	recautionar	y and Hazard	Statements)		Environmental Hazar	as	Biodegradea	ble (OECD 301D)
Precautionary	P102: Keep out of reach of children. H226: Flammable liquid and vapour.								
&	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. H302: Harmful if swallowed.								
Hazard Statements	P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water. H317: May cause an allergic skin reaction. H336: May cause drowsiness or dizziness.								
	1 303. 11 111 212	LO. Tiusii eyes	with large quant	ities of water.		11330. 1	nay cause drow	Siliess of dizzilles.).
3. COMPOSITION									
Chemical			CAS#			l, mg/kg) - Rat	Concentr	ation (%)	
Ethanol			64-17-5		7,060		70.0% 0.2%		
Chlorhexidine Gluconate			18472-51-0		2,000	,000			
4. FIRST AID MEASUR					1	1 5		. , -	(1.1
	ng is difficult, remov				Ingestion			к or water. Do	not induce vomiting.
Skin Contact May cause Most Important Symptoms and	se dryness or irritati		onged contact		Eye Contac	t Flush with pler	ity of water.		
May cause acute mild drowsiness			n						
Indication of any Immediate Me				ded					
Not Applicable.		ш ороски							
5. FIREFIGHTING MEA	SURES								
Use dry chemical, foam, or CO2. U	Jse water spray to d	disperse var	ours if needed	. Firefighters	: As with any fire	e, wear self-contained br	eathing appa	ratus.	
6. ACCIDENTAL RELE	ASE				•				
Use all means to prevent spillage.	. No other specific r	measures ai	e necessary, p	provided vapo	urs are not perm	itted to build up.			
HANDLING & STOR	AGE								
Store in a cool, dry, well-ventilated				flames. DO No	OT mix with blea	ch or peroxides. Storag	e and Transp	ort: 0°- 30°C	
8. EXPOSURE CONTR									
Respiratory protective equipment		vapours are	· · · · · · · · · · · · · · · · · · ·	to escape. No	other specific n	leasures required.			
Component	ACGIH TLV			OSHA PEL NIOSH					
Component	i .		USI	HA PEL		NIOSH		CCHOS	
Ethanol	STEL: 1000 pp	m	(Va	cated) TWA: 1	000 ppm	IDLH: 3300 ppm		TWA: 1000	ppm
<u> </u>		m	(Va		000 ppm 900 mg/m³	IDLH: 3300 ppm TWA: 1000 ppm			ppm mg/m³
Ethanol	STEL: 1000 pp		(Va	cated) TWA: 1	000 ppm 900 mg/m³	IDLH: 3300 ppm		TWA: 1000	ppm mg/m³
9. PHYSICAL AND CH	STEL: 1000 ppr	RTIES	(Vac	cated) TWA: 1 cated) TWA: 1	900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³	Donoite	TWA: 1000 TWA: 1900	mg/m³
Ethanol	STEL: 1000 pp	RTIES	(Vac	cated) TWA: 1	900 mg/m³ Boiling poi	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³	Density	TWA: 1000 TWA: 1900	mg/m ³ Kinematic
9. PHYSICAL AND CH Physical State Colour	STEL: 1000 ppi	RTIES r	(Vac	cated) TWA: 1 cated) TWA: 1	900 mg/m³ Boiling poi OECD 103	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ nt Flash Point ASTM D56	g/ml@ 25	TWA: 1000 TWA: 1900	Kinematic Viscosity@ 23°C
9. PHYSICAL AND CHI Physical State Colour Transparent, Liquid Green	STEL: 1000 ppi EMICAL PROPEF Odour Lime, Pepper,	RTIES r	(Vac	cated) TWA: 1 cated) TWA: 1	900 mg/m³ Boiling poi	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³		TWA: 1000 TWA: 1900	mg/m ³ Kinematic
9. PHYSICAL AND CHI Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE	STEL: 1000 ppi EMICAL PROPEF Odour Lime, Pepper, ACTIVITY	RTIES r , Mango	Solidifica	cated) TWA: 1 cated) TWA: 1 tion point	900 mg/m ³ Boiling poi OECD 103 79°C	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ nt Flash Point ASTM D56 23°C	g/ml@ 25	TWA: 1000 TWA: 1900	Kinematic Viscosity@ 23°C
9. PHYSICAL AND CH Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I	STEL: 1000 ppi EMICAL PROPER Odour Lime, Pepper, ACTIVITY Incompatibility: Str	RTIES r , Mango	Solidifica	cated) TWA: 1 cated) TWA: 1 tion point	900 mg/m ³ Boiling poi OECD 103 79°C	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ nt Flash Point ASTM D56 23°C	g/ml@ 25	TWA: 1000 TWA: 1900	Kinematic Viscosity@ 23°C
9. PHYSICAL AND CH Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D	STEL: 1000 ppi EMICAL PROPER Odour Lime, Pepper, ACTIVITY Incompatibility: Str	RTIES r , Mango	Solidifica	cated) TWA: 1 cated) TWA: 1 tion point	Boiling poi OECD 103 79°C	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ THE Flash Point ASTM D56 23°C On: Products: CO ₂ , CO	g/ml@ 25	TWA: 1000 TWA: 1900	Kinematic Viscosity@ 23°C
9. PHYSICAL AND CH Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE. Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD ₅₀	STEL: 1000 ppi EMICAL PROPER Odour Lime, Pepper, ACTIVITY Incompatibility: Str ATA >5000 mg/kg	RTIES r , Mango rong oxidan	Solidifica	cated) TWA: 1 cated) TWA: 1 tion point	900 mg/m ³ Boiling poi OECD 103 79°C	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ THE Flash Point ASTM D56 23°C On: Products: CO ₂ , CO	g/ml@ 25 .862	TWA: 1000 TWA: 1900	Kinematic Viscosity@ 23°C
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9. PHYSICAL AND CHI Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD ₅₀ Not i Ocular Irritation 0.0 s	STEL: 1000 ppi EMICAL PROPEF Odour Lime, Pepper, ACTIVITY Incompatibility: Str ATA >5000 mg/kg found to be dermal severity after 7 days	RTIES r , Mango rong oxidan sensitizer	Solidifica -25 ts, acid chlorid	cated) TWA: 1 cated) TWA: 1 tion point s°C	Boiling poi OECD 103 79°C Decomposition Acute	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ Int Flash Point ASTM D56 23°C On: Products: CO ₂ , CO	g/ml@ 25 .862 .862 	TWA: 1000 TWA: 1900 / pH C 9.5 >5000 mg/kg 2.3 mg/L Rat	Kinematic Viscosity@ 23°C 2.43 mm²/s
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9. PHYSICAL AND CHI Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD50 Not i Ocular Irritation 0.0 s Reproductive Hazards Inges	STEL: 1000 ppi EMICAL PROPEF Odour Lime, Pepper, ACTIVITY Incompatibility: Str ATA 3-5000 mg/kg found to be dermal severity after 7 days stion/inhalation can	r, Mango rong oxidan sensitizer s be harmful.	Solidifica -25 ts, acid chlorid	cated) TWA: 1 cated) TWA: 1 tion point s°C les, silver salts	Boiling poi OECD 103 79°C Decomposition Acute	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ INT Flash Point ASTM D56 23°C On: Products: CO ₂ , CO Oral Inhalation Toxicity Inogenicity	g/ml@ 25 .862 .862 	TWA: 1000 TWA: 1900 / pH C 9.5 >5000 mg/kg 2.3 mg/L Rat	Kinematic Viscosity@ 23°C 2.43 mm²/s
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9. PHYSICAL AND CHIPHysical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD ₅₀ Nototi Ocular Irritation 0.0 s Reproductive Hazards Inges 12. ECOLOGICAL INFO Surfactants are readily biodegrada	STEL: 1000 ppi EMICAL PROPEF Odour Lime, Pepper, ACTIVITY ncompatibility: Str ATA >>5000 mg/kg found to be dermal severity after 7 days stion/inhalation can RMATION able in soil and wat	RTIES r , Mango rong oxidan sensitizer s be harmful. Te	Solidifica Solidifica -25 ts, acid chlorid (TDLo 300mg ests Performed	cated) TWA: 1 cated) TWA: 1 tion point s°C es, silver salts //Kg Ethanol) by Product S ased on availa	Boiling poi OECD 103 79°C Decomposition Acute Carci afety Labs, Dayt	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ Int	LD ₅₀ : LC ₅₀ : Inges	TWA: 1000 TWA: 1900 /	Kinematic Viscosity@ 23°C 2.43 mm²/s
9. PHYSICAL AND CHI Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD ₅₀ Not if Ocular Irritation 0.0 s Reproductive Hazards Inges	EMICAL PROPER Odour Lime, Pepper, ACTIVITY Incompatibility: Str ATA > >5000 mg/kg found to be dermal severity after 7 days stion/inhalation can RMATION able in soil and wat EC50 (72h	RTIES r , Mango rong oxidan sensitizer be harmful. Te ter. Persister n) = 275 mg/	Solidifica Solidifica -25 ts, acid chlorid (TDLo 300mg ests Performed	cated) TWA: 1 cated) TWA: 1 tion point s°C es, silver salts s/Kg Ethanol) by Product S ased on availa Fathead r	Boiling poi OECD 103 79°C Decompositi Acute Carci afety Labs, Dayt	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ Int Flash Point ASTM D56 23°C On: Products: CO ₂ , CO Oral Inhalation Toxicity Ingenicity Inge	g/ml@ 25 .862 LD ₅₀ : LC ₅₀ : Inges	TWA: 1000 TWA: 1900 / pH °C 9.5 >5000 mg/kg 2.3 mg/L Rat tion of Ethanol	Kinematic Viscosity@ 23°C 2.43 mm²/s IARC Group1.
9. PHYSICAL AND CH Physical State Colour Transparent, Liquid Green 10. STABILITY AND RE Stable under normal conditions. I 11. TOXICOLOGICAL D Acute Dermal Toxicity LD ₅₀ Nototi Ocular Irritation 0.0 s Reproductive Hazards Inges 12. ECOLOGICAL INFO Surfactants are readily biodegrada	EMICAL PROPER Odour Lime, Pepper, ACTIVITY Incompatibility: Str ATA > >5000 mg/kg found to be dermal severity after 7 days stion/inhalation can RMATION able in soil and wat EC50 (72h	RTIES r , Mango rong oxidan sensitizer s be harmful. Te	Solidifica Solidifica -25 ts, acid chlorid (TDLo 300mg ests Performed	tion point s°C les, silver salts //Kg Ethanol) by Product S ased on availa Fathead r (Pimephales	Boiling poi OECD 103 79°C Decomposition Acute Carciafety Labs, Dayt ble data minnow promelas)	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³ Int Flash Point ASTM D56 23°C In: Products: CO ₂ , CO Oral Inhalation Toxicity Ingenicity Ingenicity Inhalation Toxicity Inhalation In	LD ₅₀ : LC ₅₀ : Inges	TWA: 1000 TWA: 1900 / pH °C 9.5 >5000 mg/kg 2.3 mg/L Rat tion of Ethanol	Kinematic Viscosity@ 23°C 2.43 mm²/s
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The information and recommendations contained herein are based on information believed to be correct.

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