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

PROFESS	crylium	MSDS	Emergency	CANUTEC 613-996-6666 CHEMTREC		ate January 0	
	IONAL DISINFECTION			800-424-9300	Document/Revis	sion MSDS Sl	JRF1.1
1 Identification	BioSURF	Indication L	iquid Spray/	Wipe Disinfectan	t		
Manufacturer	Micrylium Labora Contact: 800-489	atories Inc. 50 9-8868 www.r	00M Dufferin nicrylium.com	Street, Toronto, Can	ada M3H 5T5		
2 Hazard Identifi		azard Identifica us Health Haza		sical Hazard Identifica Flammable		imental Hazard dable, No Endoc	
Hazardo	ous Component	CAS	\$# UN#	R Phrases	Concentratio	n T	LV
Perfumery Produc	t with Flamable Solv	ents na - Bl	end 1266	R 11	70.5%	>100	0 ppm
3 Composition (Chemical Characte	rization Ethanc), Chlorhexidine G	Gluconate, Water with Nor	n-Ionic Surfactants, a	nti-corrosives, Esse	ential Oils
4 First Aid Measu							
General Rin	nse with water	Inha		eversible irritation. cause dizziness		rink quantities ater to dilute	of milk or
	o adverse effects. ightly drying	Eye c		eversible irritation. with plenty of water			
5 Fire Fighting M							
Use dry chem	nical, Foam or CO	2. Use water	spray to dispe	rse vapours and coo	litems		
6 Accidental Rel			_				
No specific m	leasures are neces	ssary provide	d vapours are	not permitted to buil	d up		
DO NOT mix w	orage , dry well ventilated I ith Bleach or Peroxi trols-Personal Prot	des.	away from heat	, sparks and flame.			
No specific m	easures required.	Personal Pro	otective Equipr	ment not required.			
9 Physical & Che Form	emical Properties Colour	Scent S	Solidification po			Density pł	H Kinematic Viscosity mm ² /s
Liquid	Green	Lime	-20°C	87°C	17°C	.866 9.	9 16
10 Stability & Rea Stable under i	activity normal conditions.						
Incompatabili	ty Strong oxidants	s, acid chlorid	es, silver salts	Decompositi	on products CO_2	СО	
11 Toxicological BioSURF: Acu Acute Oral LD	I Data ute Dermal LD50 > 050 >5000 mg/kg;	5000 mg/kg; Occular Irrita	Acute Inhalation	Decompositi on rat LC50: 2.3 mg/l ' Days. Tests perfor a Grade - Free of No	_; Not found to be med by Product S	a dermal sens Satety Labs, Da	sitizer: ayton, NJ
11 Toxicological BioSURF: Acu Acute Oral LD Grain derived	I Data ute Dermal LD50 > 050 >5000 mg/kg;	5000 mg/kg; Occular Irrita Ingredients F	Acute Inhalation tion 0.0 after 7 Food or Pharm	on rat LC50: 2.3 mg/l 7 Days. Tests perfor a Grade - Free of No	_; Not found to be med by Product S	e a dermal sens Satety Labs, Da Ites.	sitizer: ayton, NJ
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation	5000 mg/kg; Occular Irrita Ingredients F f large amour	Acute Inhalatio tion 0.0 after 7 Food or Pharm hts can be dan	on rat LC50: 2.3 mg/l ' Days. Tests perfor a Grade - Free of No gerous Car	.; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non	e a dermal sens Satety Labs, Da Ites. e	ayton, NJ
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf Surfactants a 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation are readily biodeg	5000 mg/kg; Occular Irrita Ingredients F f large amour gradable line	Acute Inhalatio tion 0.0 after 7 Food or Pharm hts can be dan ar ethanol eth	on rat LC50: 2.3 mg/l 7 Days. Tests perfor a Grade - Free of No gerous Car noxylates. All ingre	-; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non	e a dermal sens Satety Labs, Da Ites. e rma or Food (ayton, NJ
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation are readily biodeg	5000 mg/kg; Occular Irrita Ingredients F f large amour gradable line	Acute Inhalatio tion 0.0 after 7 Food or Pharm hts can be dan	on rat LC50: 2.3 mg/l ' Days. Tests perfor a Grade - Free of No gerous Car	-; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non	e a dermal sens Satety Labs, Da Ites. e	ayton, NJ
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf Surfactants a Soil Readily I 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation are readily biodeg biodegrades	5000 mg/kg; Occular Irrita Ingredients F f large amour gradable line Vater Readily	Acute Inhalation tion 0.0 after 7 Food or Pharm hts can be dan ar ethanol eth biodegrades	on rat LC50: 2.3 mg/l 7 Days. Tests perfor a Grade - Free of No gerous Car noxylates. All ingre	.; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non edients USP Pha Dispo	e a dermal sens Satety Labs, Da Ites. e rma or Food (osal Domestic	ayton, NJ
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf Surfactants a Soil Readily I 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation are readily biodeg biodegrades V diderations Domes	5000 mg/kg; Occular Irrita Ingredients F f large amour gradable line Vater Readily stic, No restric and UN1266 Packi ed Qty 5 L ma	Acute Inhalation tion 0.0 after 7 Food or Pharm hts can be dan ar ethanol eth biodegrades ctions. Water	on rat LC50: 2.3 mg/l 'Days. Tests perfor a Grade - Free of No gerous Car noxylates. All ingre Air Volitile	.; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non edients USP Pha Dispo nability considera 66 Haza 5 L max Gro	e a dermal sens Satety Labs, Da Ites. e rma or Food (osal Domestic	Ayton, NJ Grade 266 Packing ty 500 mL
 11 Toxicological BioSURF: Act Acute Oral LD Grain derived Reproductive Ha 12 Ecological Inf Surfactants a Soil Readily I 13 Disposal conc 14 Transport Info 15 Regulatory TSCA -No rep 	I Data ute Dermal LD50 > D50 >5000 mg/kg; Ethanol USP - All azards Ingestion o formation are readily biodeg biodegrades V diderations Dome: mation L Hazard Class 3 Group II Limit Emergency Resp porting required all	5000 mg/kg; Occular Irrita Ingredients F f large amour gradable line Vater Readily stic, No restric and UN1266 Packi ed Qty 5 L ma ionse Guide # 1	Acute Inhalation tion 0.0 after 7 Food or Pharm nts can be dan ar ethanol eth biodegrades ctions. Water ng H x Packing 127 Emergents	on rat LC50: 2.3 mg/l Days. Tests perfor a Grade - Free of No gerous Car noxylates. All ingre Air Volitile Dilution 4:1 for flamr Sea lazard Class 3.2 UN12 Group II Limited Qty	L; Not found to be med by Product S nyl Phenyl Ethoxyla cinogenicity Non edients USP Pha Dispo nability considera 66 Haza 5 L max Gro e # 127 Emerge	e a dermal sens Satety Labs, Da ites. e rma or Food C sal Domestic tions IATA ard Class 3 UN12 oup II Limited Q gency Response	ayton, NJ Grade 266 Packing ty 500 mL Guide # 127

Micrylium SDS Emergency CANUTEC 613-996-66666 Effective Date October 01, 2016 CHEMTREC Date October 01, 2016
www.micrylium.com 800-424-9300 Document/Revision SDS SURF1.5
1 Identification BioSURF Indication Liquid Spray/Wipe Disinfectant - One Step Tuberculocide
Manufacturer Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 416-667-7040
2 Hazard Identification Heath Hazard Identification Physical Hazard Identification Environmental Hazard Identification No serious Health Hazards Flammable Biodegradable, No Endocrine Disruptors
Hazardous Component CAS# UN# R Phrases Concentration TLV
Perfumery Product with Flamable 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 waterInhalationMild reversible irritation.IngestionDrink quantities of milk or water to dilute
Skin contactNo adverse effects.Eye contactWarning: Mild reversible irritation.Slightly dryingFlush with plenty of water
5 Fire Fighting Measures
Use dry chemical, Foam or CO ₂ . 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. Storage & Transport 5º - 30º C
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 Tiscosity mm²/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 $Decomposition products CO_2 CO$
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 Image: Marking Group II Hazard Class 3 UN1266 Packing Hazard Class 3.2 UN1266 Hazard Class 3 UN1266 Packing Image: Group II Limited Qty 5 L max Packing Group II Limited Qty 5 L max Hazard Class 3.2 UN1266 Image: Group II Limited Qty 5 L max Packing Group II Limited Qty 5 L max Group II Limited Qty 500 mL Image: Group II Emergency Response Guide # 127 Emergency Response Guide # 127 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