



SAFETY DATA SHEETS

This SDS packet was issued with item:

071122423

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071159342 071162247 073248945 074875282 074875316 074875621

1. IDENTIFICATION								
Product Name	BioSURF			Manufacturer	Micrylium Laboratories Inc.			
Registration	CAN DIN	02209756		Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com			
	US EPA	70467-3						
	CH BAG	CHZB0163						
	DE BAUA	N-24686						
Indication	Liquid disinfectant. Can also be used as a non-critical device immersion cleaner prior to sterilization.			Phone	416-667-7040			
				Fax	416-667-0071			
Emergency Phone #	CHEMTREC			1-800-424-9300	CANUTEC	1-613-996-6666		
2. HAZARD IDENTIFICATION								
Symbol Pictogram				Signal Word	Warning			
				Symbol	Flame			
Hazard Classification	Flammable Liquid Category 3							
Health Hazard	No Serious Health Hazards				Environmental Hazards	Biodegradeable		
Precautionary Statements	P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water. H226: Flammable liquid and vapour. H302: Harmful if swallowed.							
3. COMPOSITION								
Chemical	CAS #	LD-50 (Oral, mg/kg)	Concentration (%)					
Ethyl Alcohol	64-17-5	7,060 (Rat)	70.5					
Chlorhexidine Gluconate	18472-51-0	2,000 (Rat)	0.2					
4. FIRST AID MEASURES								
Inhalation	If breathing is difficult, remove individual to fresh air.		Ingestion	Drink large quantities of milk or water to dilute. Do not induce vomiting.				
Skin Contact	No adverse effects. Slightly drying.		Eye Contact	Flush with plenty of water.				
Most Important Symptoms and Effects (Acute and Delayed)								
May cause acute mild drowsiness, respiratory and/or eye irritation.								
Indication of any Immediate Medical Attention and Special Treatment Needed								
Not Applicable.								
5. FIREFIGHTING MEASURES								
Use dry chemical, foam, or CO ₂ . Use water spray to disperse vapours if needed. Firefighters: As with any fire, wear self-contained breathing apparatus.								
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: 5°- 30°C								
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION								
Respiratory protective equipment may be required if vapours are not permitted to escape. No other specific measures required.								
9. PHYSICAL AND CHEMICAL PROPERTIES								
Physical State	Colour	Odour	Solidification point	Boiling point	Flash Point	Density	pH	Kinematic Viscosity
Transparent, Liquid	Green	Lime, Pepper, Mango	-20°C	87°C	19°C	0.866	9.9	16 mm ² /s
10. STABILITY AND REACTIVITY								
Stable under normal conditions.								
Incompatibility: Strong oxidants, acid chlorides, silver salts			Decomposition: Products: CO ₂ , CO					
11. TOXICOLOGICAL DATA								
Acute Dermal Toxicity	LD ₅₀ >5000 mg/kg Not found to be dermal sensitizer			Acute Oral	LD ₅₀ >5000 mg/kg			
Ocular Irritation	0.0 severity after 7 days			Acute Inhalation Toxicity	LC ₅₀ : 2.3 mg/L Rat			
Reproductive Hazards	Ingestion and Inhalation of large amount may be dangerous when pregnant			Carcinogenicity	Ingestion of ethyl alcohol IARC Group 1.			
Tests Performed by Product Safety Labs, Dayton, NJ USA								
12. ECOLOGICAL INFORMATION								
Surfactants are readily biodegradable in soil and water.								
13. DISPOSAL CONSIDERATIONS								
Domestic. Dilute 4:1 with water if there are flammability concerns.								
14. TRANSPORT INFORMATION								
Emergency Response Guide #127								
	Land	Sea			Air (IATA)			
	Hazard Class 3	Hazard Class 3.2			Hazard Class 3			
	UN 1170 Packaging Group II	UN 1170 Packaging Group II			UN 1170 Packaging Group II			
	Limited Quantity 1L	Limited Quantity 1L			Special packaging			
15. REGULATORY INFORMATION								
TSCA – No reporting required.			CERCLA – No hazardous pollutants or ozone depletion.					
16. OTHER INFORMATION								
The information and recommendation 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.								
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