


1. IDENTIFICATION									
Product Name	Radar™			Manufacturer	Micrylium Laboratories Inc.				
Registration	CAN	Class I		Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com				
	EU CE BAG	Class I							
Indication	Optical Medical Device Cleaner			Phone	416-667-7040				
Emergency Phone #	CHEMTREC			Fax	416-667-0071				
				1-800-424-9300	CANUTEC	1-613-996-6666			
2. HAZARD IDENTIFICATION									
Symbol Pictogram				Signal Word	Irritant				
				Symbol	Exclamation mark				
Classification	Not Applicable								
Health Hazard	No Serious Health Hazards				Environmental Hazards		Biodegradeable		
Precautionary & Hazard Statements	<p>P102: Keep out of reach of children. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water.</p> <p>H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H320: Causes eye irritation.</p>								
3. COMPOSITION									
Chemical	CAS #			LD-50 (Oral, mg/kg)	Concentration (%)				
Ethanol	64-17-5			7,060 (Rat)	12.5%				
4. FIRST AID MEASURES									
Inhalation	If breathing is difficult, remove individual to fresh air.			Ingestion	Drink large quantities of milk or water to dilute.				
Skin Contact	No adverse effects.			Eye Contact	Flush with plenty of water.				
Most Important Symptoms and Effects (Acute and Delayed) May cause mild reversible irritation if there is eye contact or is inhaled.									
Indication of any Immediate Medical Attention and Special Treatment Needed Not Applicable.									
5. FIREFIGHTING MEASURES									
Non-Flammable.									
6. ACCIDENTAL RELEASE									
Use all means to prevent spillage.									
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									
No specific measures required.									
9. PHYSICAL AND CHEMICAL PROPERTIES									
Physical State	Colour	Odour	Solidification point	Boiling point	Flash Point	Density g/ml @ 25°C	pH	Kinematic Viscosity@23°C	
Transparent, Liquid	Light Green	Apple	-5°C	105°C	N/A	0.99	6.5	12 mm²/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	N/A			
Ocular Irritation	N/A				Acute Inhalation Toxicity	N/A			
Reproductive Hazards	Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)				Carcinogenicity	Ingestion of Ethanol IARC Group 1.			
Tests Performed by Product Safety Labs, Dayton, NJ USA									
12. ECOLOGICAL INFORMATION									
Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data.									
Ethanol	EC50 (72h) = 275 mg/l (Chlorella vulgaris)		Fathead minnow (Pimephales promelas) LC50 = 14200 Mg/L/96h		Photobacterium Phosphoreum:EC50 = 34634 Mg/L/30 min Photobacterium Phosphoreum:EC50 = 35470 Mg/L/5 min		EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h		
13. DISPOSAL CONSIDERATIONS									
Domestic.									
14. TRANSPORT INFORMATION									
Not regulated									
N/A	Land	Sea			Air (IATA)				
	N/A	N/A			N/A				
	N/A	N/A			N/A				
	N/A	N/A			N/A				
15. REGULATORY INFORMATION									
TSCA – No reporting required.					CERCLA – No hazardous pollutants or ozone depletion.				
16. OTHER INFORMATION									
The information and recommendations contained herein are based on information believed to be correct. It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied.									
Effective Date: 2025/10/31					Document: Radar 2.0				