

Radar™ SDS

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												
				Fax	416-667-0071												
Emergency Phone #	CHEMTREC		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																	
<p>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.</p>																	
Effective Date: 2025/10/31				Document: Radar 2.0													