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	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.	H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H320: Causes eye irritation.

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.
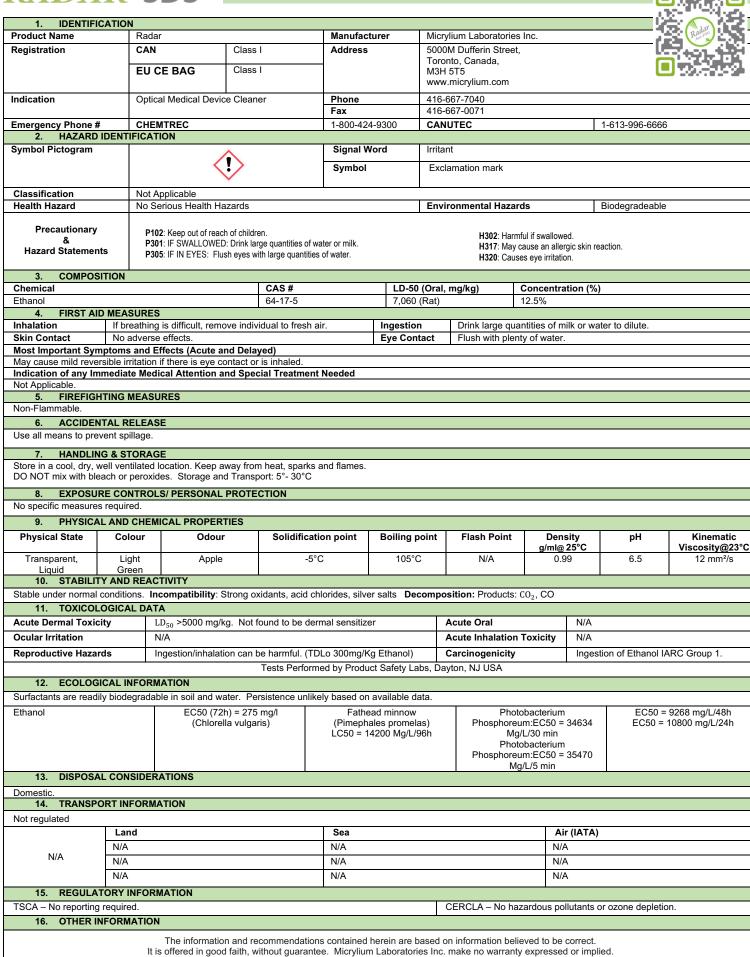It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied.

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