Micrylium
PROFESSIONAL DISINFECTION

MADE IN
FABRIQUÉ AU
CANADA

- Non-Toxic
- Biodegradable
- Streak-Free

Radar™

INSTRUMENT & DEVICE
ANTI-FOG PORTABLE SPRAY

Radar™ is a ready-to-use instrument and device anti-fog solution designed to ensure professionals see the clearest picture possible. Its nano-polymer formulation is designed to provide long-lasting anti-fogging on your screening devices.

FASTER

Convenient Sprayer
Pump sprayer is designed to make it quick and convenient to dispense the solution directly onto the surface.

Quick Fog Elimination
Immediately activates to create a barrier that resists fogging.

All Surfaces
Can be used on dental mirrors, loupes, visors, shields, clear masks, safety glasses, goggles and photography mirrors.

SAFER

Barrier
Forms a crystal clear barrier when used on intended surfaces.

Compatible
Can be used on glass, soft plastics, metals, silicone and acrylics and does not contain any chemicals which will break down plastics.

Environments
Effective in cold/dry or hot/humid environments.

KINDER

Environmentally Friendly
All products are made with biodegradable ingredients. Contains no toxic substances.

Recyclable
Packaging materials are fully recyclable.

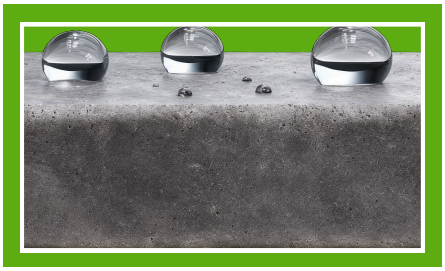
Certified Biodegradable
All ingredients are USP Pharma grade and/or food grade quality.

INSTRUMENT & DEVICE
ANTI-FOG PORTABLE SPRAY

OUR MASCOT

Frogs are highly sensitive to their surroundings due to their permeable skin. The presence of a healthy frog population is a strong indicator of a balanced and healthy eco-system. Micrylium uses the frog as our mascot because we subscribe to creating products and packaging that are eco-friendly, biodegradable and sustainable.

SURFACE TENSION

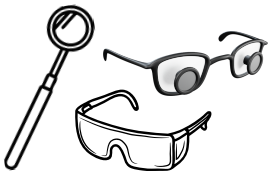


Radar™ breaks down the surface tension of water, so instead of forming a fog of tiny droplets, the water spreads out into a thin, transparent sheet that doesn't obstruct vision. Radar™ also leaves behind a thin, invisible film or coating that repels water and prevents condensation from forming in the first place.

THE CONCEPT

Our goal is to provide solutions, not just to kill or inactivate, but to clean, protect and minimize the impact of regular sustained usage (people, equipment, professional and natural environments). Radar™ contains biodegradable surfactants, biological enzymes and naturally derived scents.

HOW TO USE

1. 
Spray over entire surface of mirror, loupes or other glass devices.

2. 
Wait 5-10 seconds and then wipe with *LeCLOTH*™ over surface.

3. 
This process functions in both warm and cold environments.

4. 
Proper application will result in streak-free visibility and a long lasting protection.

5. 
Use full strength, do not dilute.

PRODUCT SPECIFICATION DATA

Item Number	Product Description	Packaging
05-FOGG-060	Radar™ 60mL Mini Spray Bottle RTU	Case of 10

CUSTOMER REVIEWS

"I've been using Radar™ on my screening devices for the past few weeks and it's made a huge difference. It dries quickly, doesn't leave streaks, and gives me a consistently clear view. No more fogging during long procedures. Definitely a must-have for anyone who relies on precise visuals in their work.""

Karen W., Bright Smiles Family Dental, Ontario, Canada

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KINDER SAFER FASTER

Manufactured By
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M3H 5T5
+1 416-667-7040
www.micrylium.com

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

	Land	Sea	Air (IATA)
N/A	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.