





# ANTIMICROBIAL ORAL APPLIANCE CLEANSER

## ORAL APPLIANCE BACTERIA



Bacteria are the source of biofilm that causes tartar build up on oral appliances. Many times this results in oral infections which can spread to other parts of the body. Bacteria grows exponentially, meaning their population doubles every twenty minutes. After two days there are more than 100 million CFU (colony forming units) on an untreated oral appliance. MouthOFF eliminates this bacteria.

## ABSORPTION



Plastic items such as splints, dentures, x-ray holders or cheek retractors, when soaked absorb 2-8% by weight of the disinfectant. Mucosal or skin irritation such as dermatitis and stomatitis can be caused by absorption of aldehydes, chlorines or phenols. Using MouthOFF (plant-based formulation) **eliminates** this risk.

## 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). MouthOFF contains biodegradable surfactants, biological enzymes and naturally derived scents.

## HOW TO USE

### FOR USE ON ORAL APPLIANCES



Rinse the device thoroughly. Spray and submerge the device for a minimum of 5 minutes. Rinse the device again before use.

### FOR USE ON SLEEP APNEA MACHINES STEP-BY-STEP

1



Unplug your CPAP machine from the power source. Disassemble your mask into 3 parts (Headgear, cushion and frame). Cushion should be cleaned daily using MouthOFF™. Spray MouthOFF™ generously on cushion and rinse thoroughly. Dry cushion with a clean LeCLOTH™.

2



Headgear and frame should be cleaned weekly with BioSON™. In a sink or tub, clean your mask cushion and headgear to remove any oils. Gently rub with a mild liquid detergent and warm water. Avoid using stronger cleaning products as they may damage the mask or leave harmful residue.

3



Use BioSON™ at a dilution rate 1:200 which is 5mL of solution for 1L of potable water in a sink or tub to clean and remove oils from the mask cushion and headgear. Gently scrub the appliance in the solution with a saturated LeCLOTH™. Simultaneously immerse the air tubing in the solution.

4



Rinse all components thoroughly with warm potable water being sure to remove all residue.

5



Place on a flat surface, on top of a towel, to dry. Use a dry LeCLOTH™ to remove any moisture from irregular areas where it may pool. Avoid placing in direct sunlight.

## PRODUCT SPECIFICATION DATA

Item Number	Product Description	Packaging
05-MOFF-060	MouthOFF 60mL Mini Spray Bottle RTU	Case of 10

## CUSTOMER REVIEWS

“MouthOFF has been a game changer for me! I use it on my mouthguard daily. As a hockey player my health is super important to me. Since using MouthOFF, my mouthguard feels fresh and clean each time I use it. Thanks Micrylium for creating such a great easy-to-use product!”

Emil N., Ontario, Canada



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Manufactured By  
Micrylium Laboratories Inc  
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1. IDENTIFICATION										
<b>Product Name</b>		MouthOFF			<b>Manufacturer</b>		Micrylium Laboratories Inc.			
<b>Registration</b>		<b>EU CE</b>	Class I		<b>Address</b>		5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com			
		<b>EU CE BAG</b>	Class I							
<b>Indication</b>		Medical device cleaner			<b>Phone</b>		416-667-7040			
<b>Emergency Phone #</b>		<b>CHEMTREC</b>			<b>Fax</b>		416-667-0071			
					1-800-424-9300		<b>CANUTEC</b>		1-613-996-6666	
2. HAZARD IDENTIFICATION										
<b>Symbol Pictogram</b>		Not Applicable			<b>Signal Word</b>		Not Applicable			
					<b>Symbol</b>		Not Applicable			
<b>Classification</b>		Not Applicable								
<b>Health Hazard</b>		No Serious Health Hazards				<b>Environmental Hazards</b>		Biodegradeable		
<b>Precautionary &amp; Hazard Statements</b>		<b>P102:</b> Keep out of reach of children. <b>P301:</b> IF SWALLOWED: Drink large quantities of water or milk. <b>P305:</b> IF IN EYES: Flush eyes with large quantities of water.			<b>H302:</b> Harmful if swallowed.					
3. COMPOSITION										
<b>Chemical</b>			<b>CAS #</b>		<b>LD-50 (Oral, mg/kg) - Rat</b>		<b>Concentration (%)</b>			
Ethanol			64-17-5		7,060		9.5%			
Chlorhexidine Gluconate			18472-51-0		2,000		0.12%			
Xylitol			87-99-0		4,000		0.6%			
4. FIRST AID MEASURES										
<b>Inhalation</b>		If breathing is difficult, remove individual to fresh air.			<b>Ingestion</b>		Drink large quantities of milk or water to dilute. Do not induce vomiting.			
<b>Skin Contact</b>		No adverse effects.			<b>Eye Contact</b>		Flush with plenty of water.			
<b>Most Important Symptoms and Effects (Acute and Delayed)</b>										
May cause mild reversible irritation if there is eye contact or is inhaled.										
<b>Indication of any Immediate Medical Attention and Special Treatment Needed</b>										
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										
<b>Physical State</b>		<b>Colour</b>	<b>Odour</b>	<b>Solidification point</b>		<b>Boiling point</b>	<b>Flash Point</b>	<b>Density</b>	<b>pH</b>	<b>Kinematic Viscosity</b>
Transparent, Liquid		Light Blue	Peppermint	-5°C		105°C	N/A	6.5	9.0	12mm <sup>2</sup> /s
10. STABILITY AND REACTIVITY										
Stable under normal conditions. <b>Incompatibility:</b> Strong oxidants, acid chlorides, silver salts <b>Decomposition:</b> Products: CO <sub>2</sub> , CO										
11. TOXICOLOGICAL DATA										
<b>Acute Dermal Toxicity</b>		Not found to be dermal sensitizer				<b>Acute Oral</b>		N/A		
<b>Ocular Irritation</b>		N/A				<b>Acute Inhalation Toxicity</b>		N/A		
<b>Reproductive Hazards</b>		Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)				<b>Carcinogenicity</b>		Ingestion of Ethanol IARC Group 1.		
<b>CAUTION: Xylitol is toxic to dogs, rabbits, cows, baboons and horses when consumed.</b>										
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		<b>Land</b>			<b>Sea</b>			<b>Air (IATA)</b>		
		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: MouthOFF 2.0					