

# MouthOFF™

## ANTIMICROBIAL ORAL APPLIANCE CLEANSER

MouthOFF™ is an antimicrobial and antiseptic spray for Mouthguards, orthodontic appliances, snore guards, dentures, sleep apnea and many other oral appliances. It is specifically formulated to reduce the microbial load on your oral appliances. Using MouthOFF™ will break the circle of infection that can lead to the spread of various pathogens. Mint flavoured.



**VIRUCIDAL • BACTERICIDAL • FUNGICIDAL**

### FASTER



#### Convenient Sprayer

Pump sprayer is designed to make it quick and convenient to dispense the solution directly onto the oral appliance.



#### Quick Odour Elimination

Immediately activates to prevent foul odours and tastes. Works in 5 minutes.



#### Stops the Spread

Quickly breaks the cycle of germ transfer which prevents the spread of viruses and other communicable pathogens such as Staph or Strep.

### SAFER



#### Eliminates Microbial Growth

Microbes double every 20 minutes in the mouth and on oral appliances. Using MouthOFF™ eliminates the risk of microbial causing you harm.



#### Compatible

Can be used on soft plastics, metals, silicone and acrylic.



#### Non-Staining

Cleanses and refreshes without staining the appliance.

### KINDER



#### Certified Biodegradable

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



#### Environmentally Friendly

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



#### Recyclable

Packaging materials are fully recyclable.



# ANTIMICROBIAL ORAL APPLIANCE CLEANSER

## ORAL APPLIANCE MICROBES



Microbes 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. Microbes grow exponentially, meaning their population doubles every twenty minutes. After two days there are more than 100 million CFU's (colony forming units) on an untreated oral appliance. MouthOFF™ effectively reduces these microbes.

## 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



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™.



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.



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.



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



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



MOFCA3.31.10.25



# MouthOFF™ SDS

1. IDENTIFICATION																					
Product Name	MouthOFF™			Manufacturer	Micrylium Laboratories Inc.																
Registration	EU CE	Class I		Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com																
	EU CE BAG	Class I																			
Indication	Medical device cleaner			Phone	416-667-7040																
Emergency Phone #	CHEMTRAC			Fax	416-667-0071																
Emergency Phone #					CANUTEC	1-800-424-9300															
						1-613-996-6666															
2. HAZARD IDENTIFICATION																					
Symbol Pictogram	Not Applicable			Signal Word	Not Applicable																
				Symbol	Not Applicable																
Classification	Not Applicable																				
Health Hazard	No Serious Health Hazards				Environmental Hazards		Biodegradeable														
Precautionary & Hazard Statements	<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																					
Chemical	CAS #		LD-50 (Oral, mg/kg) - Rat	Concentration (%)																	
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																					
Inhalation	If breathing is difficult, remove individual to fresh air.			Ingestion	Drink large quantities of milk or water to dilute. Do not induce vomiting.																
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	pH	Kinematic Viscosity													
Transparent, Liquid	Light Blue	Peppermint	-5°C	105°C	N/A	6.5	9.0	12mm²/s													
10. STABILITY AND REACTIVITY																					
Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts Decomposition: Products: CO <sub>2</sub> , CO																					
11. TOXICOLOGICAL DATA																					
Acute Dermal Toxicity	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.															
CAUTION: Xylitol is toxic to dogs, rabbits, cows, baboons and horses when consumed.																					
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>																					
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