

1. IDENTIFICATION																				
Product Name	BioSON™			Manufacturer	Micrylium Laboratories Inc.															
Registration	CAN	Class I		Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com															
	US FDA	D142279																		
Indication	Enzymatic detergent concentrate			Phone	416-667-7040															
Emergency Phone #	CHEMTRAC			Fax	416-667-0071															
1-800-424-9300				CANUTEC	1-613-996-6666															
2. HAZARD IDENTIFICATION																				
Symbol Pictogram				Signal Word	Irritant															
				Symbol	Exclamation mark															
Hazard 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 (%)														
Chlorhexidine Gluconate		18472-51-0		2,000 (Rat)		1.70%														
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	If irritation occurs, rinse area thoroughly			Eye Contact	Flush with plenty of water for 20 minutes.															
Most Important Symptoms and Effects (Acute and Delayed)																				
Not Applicable.																				
Indication of any Immediate Medical Attention and Special Treatment Needed																				
Not Applicable.																				
5. FIREFIGHTING MEASURES																				
Non-flammable.																				
6. ACCIDENTAL RELEASE																				
Use a paper towel to absorb and dispose with domestic garbage.																				
7. HANDLING & STORAGE																				
Store in a cool, dry, well-ventilated location. DO NOT mix with bleach or peroxides. Storage and Transport: 0°- 30°C																				
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION																				
No specific measures required.																				
9. PHYSICAL AND CHEMICAL PROPERTIES																				
Physical State	Colour	Odour	Solidification point	Boiling point OECD 103	Flash Point	Density g/ml @ 25°C	pH	Kinematic Viscosity												
Transparent, Liquid	Light Blue	Citrus	-8°C	105°C	N/A	1.05	10.0	80 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	Not found to be dermal sensitizer			Acute Oral	N/A															
Ocular Irritation	0.0 severity after 7 days			Acute Inhalation Toxicity	N/A															
Reproductive Hazards	None			Carcinogenicity	None															
12. ECOLOGICAL INFORMATION																				
Surfactants are readily biodegradable in soil and water.																				
13. DISPOSAL CONSIDERATIONS																				
Domestic.																				
14. TRANSPORT INFORMATION																				
Not Applicable.																				
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.																				
Effective Date: 2025/10/31						Document: SON 2.0														