


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 #	CHEMTREC			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: 2022/05/22			Revision Date: 2025/10/02			Document: SON 1.3			