



1. IDENTIFICATION										
Product Name		BioVAC			Manufacturer		Micrylium Laboratories Inc.			
Registration		CAN	Class I		Address		5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com			
		US FDA	D142280							
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		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 (%)				
Chlorhexidine Gluconate		18472-51-0		2,000 (Rat)		1.60%				
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	Purple	Blueberry	-8°C	105°C	N/A	1.05	9.9	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: VAC 1.5			