


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	<div><div>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.</div><div>H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H320: Causes eye irritation.</div></div>							
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: 2025/10/31			Document: VAC 2.0					