



MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	BotVax® B		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.:	859 254 1221
	944 Nandino Blvd	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	inform@neogen.com
Date Prepared or Revised: 11/04/04			

Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Common Names)	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD ₅₀
This is a Non-Hazardous Product which contains no hazardous components.	N/A	N/A	N/A

Section III – Physical Characteristics	
Boiling Point:: No data available	Specific Gravity (H ₂ O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Forms a suspension with water.	
Appearance and Odor: Clear liquid with visible sediment. No characteristic odor.	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): Non-Flammable	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: N/A	
Unusual Fire and Explosion Hazards: N/A	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: None known
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): N/A			
Hazardous Decomposition or Byproducts: None known			
Hazardous Polymerization	May Occur		Conditions to Avoid: None known
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation-Not likely route of entry	Skin-Not likely route of entry	Ingestion-Not likely route of exposure
Health Hazards (Acute and Chronic)	Final product poses no known health risk.		
Carcinogenicity: (National Toxicology Program)	NTP-Not listed	IARC Monographs-Not listed (International Agency for Research in Cancer)	OSHA Regulated-No
Signs and Symptoms of Exposure: No signs or symptoms of disease are known to be associated with this product.			
Medical Conditions Generally Aggravated by Exposure: No applicable information found.			
Emergency / First Aid Procedures	Ingestion: No information available regarding adverse effects via ingestion. Ingestion not considered a likely route of exposure.		
	Inhalation: Not considered a route of potential exposure. Saline media is not volatile.		
	Eye Contact: Not considered an eye irritant. Wash with soap and water after prolonged contact. If irritation develops consult a physician.		
	Skin Contact: Not considered a skin irritant. Wash with soap and water after prolonged contact. If irritation develops consult a physician.		
	Injected into Skin: Contact a physician or the poison control center (Status of tetanus immunization should be reviewed). The product is an inactivated neurotoxin and is not biologically active. However, it is capable of inducing the production of antibodies against Clostridium botulinum Type B neurotoxin.		

Section VII – Precautions for Safe Handling and Use

Accidental Release Measures: Recover spilled product by applying absorbents (towels, rags or sawdust, etc) to the spill. Shovel and sweep up spilled product and absorbent waste and transfer to a suitable container.
Waste Disposal Method: Product may be deposited in trash and disposed of in a sanitary landfill. Product container may be deposited in trash and disposed of in a sanitary landfill in accordance with local, state and Federal regulations.
Handling and Storing: Store product at 36 - 45° F (2-7° C). Protect from freezing. Avoid accidental injection with product.
Other Precautions: For veterinary use only.

Section VIII – Control Measures

Respiratory Protection (Specify Type):		
Ventilation	Local Exhaust: Adequate	Special:
	Mechanical (General):	Other:
Protective Gloves: Rubber latex	Eye Protection: Safety goggles or glasses.	
Other Protective Clothing or Equipment: Normal work practices and equipment, which minimize prolonged skin or eye contact.		
Work / Hygienic Practices: Normal work and hygienic practices.		

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.