

## MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	MANNITOL INJECTION 20%		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	944 Nandino Blvd.	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	<a href="mailto:inform@neogen.com">inform@neogen.com</a>
Date Prepared or Revised: 11/15/05			

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 <sub>50</sub>
None			
Contains Mannitol 20% w/v			

Section III – Physical Characteristics	
Boiling Point: No data available	Specific Gravity (H <sub>2</sub> O = 1): 1.07
Vapor Pressure (mm Hg.): No data available	Melting Point: N/A
Vapor Density (AIR = 1): No data available	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: SOLUBLE	
Appearance and Odor: Clear, colorless, non-viscous odorless liquid	

Section IV – Fire and Explosion Hazard Data	
Flash Point ( <i>Method Used</i> ): No data available	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: Water spray, CO <sub>2</sub> , dry chemical powder, foam	
Special Fire Fighting Procedures: Wear full faceplate and NIOSH-approved self-contained breathing apparatus	
Unusual Fire and Explosion Hazards: None	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: None known
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ): Strong oxidizing agents			
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid: None known
	Will Not Occur	X	

<b>Section VI – Health Hazard Data</b>			
Route(s) of Entry:	Inhalation-Minor	Skin-Minor	Ingestion-Primary
Health Hazards (Acute and Chronic)	None known		
Carcinogenicity:	NTP-Non-carcinogenic (National Toxicology Program)	IARC Monographs-Not Listed (International Agency for Research in Cancer)	OSHA Regulated-No
Signs and Symptoms of Exposure: No adverse clinical effects have been associated with exposure to this material. However, excessive consumption has been associated with a laxative effect.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency / First Aid Procedures	Ingestion: Give one or two glasses of water to drink. Seek prompt medical attention.		
	Inhalation: Remove to fresh air, seek prompt medical attention if irritation develops.		
	Eye Contact: Wash with copious amounts of water.		
	Skin Contact: Wash with soap and copious amounts of water.		

<b>Section VII – Precautions for Safe Handling and Use</b>
Accidental Release Measures: Sweep or mop up released material to suitable container.
Waste Disposal Method: Disposal in dry landfill is acceptable. Ensure compliance with local, state and Federal regulations.
Handling and Storing: Read and follow all label directions.
Other Precautions: For veterinary use only.

<b>Section VIII – Control Measures</b>		
Respiratory Protection (Specify Type): None		
Ventilation	Local Exhaust: None	Special: None
	Mechanical (General): Adequate	Other: None
Protective Gloves: None	Eye Protection: None	
Other Protective Clothing or Equipment: None		
Work / Hygienic Practices: Wash with soap and water		

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.