

**EDVOTEK.**

**Material Safety Data Sheet**  
 May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

IDENTITY (As Used on Label and List)		50X Electrophoresis Buffer		Note: Blank spaces are not permitted. If data are not applicable, or no information is available, the data cell will be marked to indicate that.	
<b>Section I</b>					
Manufacturer's Name <b>EDVOTEK, Inc.</b>			Emergency Telephone Number <b>(301) 251-5990</b>		
Address (Number, Street, City, State, Zip Code) <b>14676 Rothgeb Drive Rockville, MD 20850</b>			Telephone Number for Information <b>(301) 251-5990</b>		
			Date Prepared <b>10/05/06</b>		
			Signature of Preparer (Optional)		
<b>Section II - Hazardous Ingredients/Identify Information</b>					
Hazardous Components (Specific Chemical Identity, Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % (Optional)					
This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard.					
<b>Section III - Physical/Chemical Characteristics</b>					
Boiling Point	No data	Specific Gravity (H <sub>2</sub> O = 1)	No data		
Vapor Pressure (mm Hg.)	No data	Melting Point	No data		
Vapor Density (AIR = 1)	No data	Evaporation Rate (Butyl Acetate = 1)	No data		
Solubility in Water: Appreciable, (greater than 10%)					
Appearance and Odor: Clear, liquid, slight vinegar odor					
<b>Section IV - Physical/Chemical Characteristics</b> N.D. = No data					
Flash Point (Method Used)	No data	Flammable Limits	LEL	UEL	N.D. N.D.
Extinguishing Media: Use extinguishing media appropriate for surrounding fire.					
Special Fire Fighting Procedures: Wear protective equipment and SCBA with full facepiece operated in positive pressure mode.					
Unusual Fire and Explosion Hazards: None identified					
<b>Section V - Reactivity Data</b>					
Stability	Unstable		Conditions to Avoid		
	Stable	X	None		
Incompatibility: Strong oxidizing agents					
Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide					
Hazardous Polymerization	May Occur		Conditions to Avoid		
	Will Not Occur	X	None		
<b>Section VI - Health Hazard Data</b>					
Route(s) of Entry	Inhalation <sup>1</sup>	Skin <sup>2</sup>	Ingestion <sup>3</sup>	Yes Yes Yes	
Health Hazards (Acute and Chronic): None					
Carcinogenicity	None identified	NTP <sup>1</sup>	IARC Monographs <sup>2</sup>	OSHA Regulation <sup>3</sup>	
Signs and Symptoms of Exposure: Irritation to upper respiratory tract, skin, eyes					
Medical Conditions Generally Aggravated by Exposure: None					
Emergency First Aid Procedures: Ingestion: If conscious, give large amounts of water. Eyes: Flush with water. Inhalation: Move to fresh air. Skin: Wash with soap and water.					
<b>Section VII - Precautions for Safe Handling and Use</b>					
Steps to be Taken in case Material is Released or Spilled: Wear suitable protective clothing. Mop up spill and rinse with water, or collect in absorbent material and dispose of the absorbent material.					
Waste Disposal Method: Dispose in accordance with all applicable federal, state, and local environmental regulations.					
Precautions to be Taken in Handling and Storing: Avoid eye and skin contact.					
Other Precautions: None					
<b>Section VIII - Control Measures</b>					
Respiratory Protection (Specify Type)					
Ventilation	Local Exhaust	Yes	Special	None	
	Mechanical (General)	Yes	Other	None	
Protective Gloves	Yes	Eye Protection		Safety goggles	
Other Protective Clothing or Equipment: None					
Work/Hygiene Practices: None					