




594591

 <b>Material Safety Data Sheet</b> 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) Agarnisc			
Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.			
<b>Section I</b> Manufacturer's Name: EDVOTEK, Inc. Address (Number, Street, City, State, Zip Code): 14676 Rothgeb Drive, Rockville, MD 20850 Emergency Telephone Number: (301) 251-5990 Telephone Number for information: (301) 251-5990 Date Prepared: 07/01/03 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. CAS #9012-36-6			
<b>Section III - Physical/Chemical Characteristics</b>			
Boiling Point For 1% solution	194° F	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		Insoluble - cold	
Appearance and Odor		White powder, no odor	
<b>Section IV - Physical/Chemical Characteristics</b>		N.D. = No data	
Flash Point (Method Used)	No data	Flammable Limits	LEL N.D. UEL N.D.
Extinguishing Media		Water spray, dry chemical, carbon dioxide, halon or standard foam	
Special Fire Fighting Procedures		Possible fire hazard when exposed to heat or flame	
Unusual Fire and Explosion Hazards		None	


<b>Section V - Reactivity Data</b>			
Stability	Unstable	Conditions to Avoid	
	Stable	X	None
Incompatibility: No data available			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur	X	None
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes			
Health Hazards (Acute and Chronic)			
Inhalation: No data available		Ingestion: Large amounts may cause diarrhea	
Carcinogenicity: NTP?		IARC Monographs? OSHA Regulation?	
Signs and Symptoms of Exposure: No data available			
Medical Conditions Generally Aggravated by Exposure: No data available			
Emergency First Aid Procedures: Treat symptomatically and supportively			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled: Sweep up and place in suitable container for disposal			
Waste Disposal Method: Normal solid waste disposal			
Precautions to be Taken in Handling and Storing: None			
Other Precautions: None			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type): Chemical cartridge respirator with full facepiece.			
Ventilation	Local Exhaust	Special	
	Mechanical (General)	Other	
Protective Gloves	Yes	Eye Protection: Splash proof goggles	
Other Protective Clothing or Equipment: Impervious clothing to prevent skin contact			
Work/Hygienic Practices: None			

 <b>Material Safety Data Sheet</b> 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 any item is not applicable, or no information is available, the space must be marked to indicate that.			
<b>Section I</b> Manufacturer's Name: EDVOTEK, Inc. Address (Number, Street, City, State, Zip Code): 14676 Rothgeb Drive, Rockville, MD 20850 Emergency Telephone Number: (301) 251-5990 Telephone Number for information: (301) 251-5990 Date Prepared: 07/01/03 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 N.D. UEL 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? Yes Skin? Yes Ingestion?			
Health Hazards (Acute and Chronic): None			
Carcinogenicity: None identified NTP? IARC Monographs? OSHA Regulation?			
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 for 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
	Mechanical (General)	Yes	Other
Protective Gloves	Yes	Eye Protection: Safety goggles	
Other Protective Clothing or Equipment: None			
Work/Hygienic Practices: None			

 <p><b>Material Safety Data Sheet</b> May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.</p>			
<b>IDENTITY (As Used on Label and List)</b> <b>Practice Gel Loading Solution</b>			
<small>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</small>			
<b>Section I</b> Manufacturer's Name: <b>EDVOTEK, Inc.</b> Address (Number, Street, City, State, Zip Code): <b>14676 Rothgeb Drive, Rockville, MD 20850</b> Emergency Telephone Number: <b>(301) 251-5990</b> Telephone Number for information: <b>(301) 251-5990</b> Date Prepared: <b>07/01/03</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	Soluble		
Appearance and Odor	Blue liquid, no odor		
<b>Section IV - Physical/Chemical Characteristics</b>			
Flash Point (Method Used)	No data	Flammable Limits	LEL: No data      UEL: No data
Extinguishing Media	Dry chemical, carbon dioxide, water spray or foam		
Special Fire Fighting Procedures	Use agents suitable for type of surrounding fire. Keep upwind, avoid breathing hazardous sulfur oxides and bromides. Wear SCBA.		
Unusual Fire and Explosion Hazards	Unknown		


<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility	None		
Hazardous Decomposition or Byproducts	Sulfur oxides, and bromides		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry:	Inhalation?	Yes	Skin? Yes      Ingestion? Yes
Health Hazards (Acute and Chronic)	Acute eye contact: May cause irritation. No data available for other routes.		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulation?
	No data available		
Signs and Symptoms of Exposure	May cause skin or eye irritation		
Medical Conditions Generally Aggravated by Exposure	None reported		
Emergency First Aid Procedures	Treat symptomatically and supportively. Rinse contacted area with copious amounts of water.		
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled			
Wear eye and skin protection and mop spill area. Rinse with water.			
Waste Disposal Method			
Observe all federal, state, and local 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	Splash proof goggles
Other Protective Clothing or Equipment	None required		
Work/Hygienic Practices	Avoid eye and skin contact		

 <p><b>Material Safety Data Sheet</b> May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.</p>			
<b>IDENTITY (As Used on Label and List)</b> <b>B-1: Food Dye</b>			
<small>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</small>			
<b>Section I</b> Manufacturer's Name: <b>EDVOTEK, Inc.</b> Address (Number, Street, City, State, Zip Code): <b>14676 Rothgeb Drive, Rockville, MD 20850</b> Emergency Telephone Number: <b>(301) 251-5990</b> Telephone Number for information: <b>(301) 251-5990</b> Date Prepared: <b>07/01/03</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	N/A
Vapor Density (AIR = 1)	No data	Evaporation Rate (Butyl Acetate = 1)	No data
Solubility in Water	Soluble		
Appearance and Odor	Blue color, liquid, no odor		
<b>Section IV - Physical/Chemical Characteristics</b>			
Flash Point (Method Used)	No data	Flammable Limits	LEL: No data      UEL: No data
Extinguishing Media	N/A		
Special Fire Fighting Procedures	N/A		
Unusual Fire and Explosion Hazards	None		

<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	X	Unknown
Incompatibility	None		
Hazardous Decomposition or Byproducts	Sulfur oxides and bromides		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry:	Inhalation?	No	Skin? Yes      Ingestion? Yes
Health Hazards (Acute and Chronic)	Acute eye contact: may cause irritation		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulation?
	No data	No data	No
Signs and Symptoms of Exposure	May cause skin or eye irritation		
Medical Conditions Generally Aggravated by Exposure	None reported		
Emergency First Aid Procedures	Rinse contacted areas with copious amounts of water		
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled			
Wear eye and skin protection and mop/wipe spill area. Rinse with water.			
Waste Disposal Method			
Can be disposed in the trash or down the sink			
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)      NIOSH/MSHA - approved respirator			
Ventilation	Local Exhaust	No	Special None
	Mechanical (General)	No	Other None
Protective Gloves	Yes	Eye Protection	Splash proof goggles
Other Protective Clothing or Equipment	None required		
Work/Hygienic Practices	Avoid eye and skin contact		

 <b>Material Safety Data Sheet</b> 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) R-40 Food dye		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
<b>Section I</b>		Emergency Telephone Number <b>(301) 251-5990</b>	
Manufacturer's Name <b>EDVOTEK, Inc.</b>		Telephone Number for information <b>(301) 251-5990</b>	
Address (Number, Street, City, State, Zip Code) <b>14676 Rothgeb Drive Rockville, MD 20850</b>		Date Prepared <b>07/01/03</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	N/A
Vapor Density (AIR = 1)	No data	Evaporation Rate (Butyl Acetate = 1)	No data
Solubility in Water Soluble			
Appearance and Odor Red color, liquid, no odor			
<b>Section IV - Physical/Chemical Characteristics</b>			
Flash Point (Method Used)	No data	Flammable Limits	LEL No data UEL No data
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards None			

<b>Section V - Reactivity Data</b>			
Stability	Unstable	Conditions to Avoid	
	Stable	X	Unknown
Incompatibility None			
Hazardous Decomposition or Byproducts Sulfur oxides and bromides			
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur	X	None
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: Inhalation? No Skin? Yes Ingestion? Yes			
Health Hazards (Acute and Chronic) Acute eye contact: may cause irritation			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulation?
None	No data	No data	No
Signs and Symptoms of Exposure May cause skin or eye irritation			
Medical Conditions Generally Aggravated by Exposure None reported			
Emergency First Aid Procedures Rinse contacted areas with copious amounts of water			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled			
Wear eye and skin protection and mop/wipe spill area. Rinse with water.			
Waste Disposal Method Can be disposed in the trash or down the sink			
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) NIOSH/MSHA - approved respirator			
Ventilation	Local Exhaust	No	Special None
	Mechanical (General)	No	Other None
Protective Gloves	Yes	Eye Protection	Splash prof goggles
Other Protective Clothing or Equipment None required			
Work/Hygienic Practices Avoid eye and skin contact			

 <b>Material Safety Data Sheet</b> 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) Xylene Cyanol		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
<b>Section I</b>		Emergency Telephone Number <b>(301) 251-5990</b>	
Manufacturer's Name <b>EDVOTEK, Inc.</b>		Telephone Number for information <b>(301) 251-5990</b>	
Address (Number, Street, City, State, Zip Code) <b>14676 Rothgeb Drive Rockville, MD 20850</b>		Date Prepared <b>07/01/03</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. CAS # 2650-17-1			
<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	N/A
Vapor Density (AIR = 1)	No data	Evaporation Rate (Butyl Acetate = 1)	No data
Solubility in Water Soluble			
Appearance and Odor _____ color, liquid, no odor			
<b>Section IV - Physical/Chemical Characteristics</b>			
Flash Point (Method Used)	No data	Flammable Limits	LEL No data UEL No data
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards None			

<b>Section V - Reactivity Data</b>			
Stability	Unstable	Conditions to Avoid	
	Stable	X	Unknown
Incompatibility None			
Hazardous Decomposition or Byproducts Sulfur oxides and bromides			
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur	X	None
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: Inhalation? No Skin? Yes Ingestion? Yes			
Health Hazards (Acute and Chronic) Acute eye contact: may cause irritation			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulation?
None	No data	No data	No
Signs and Symptoms of Exposure May cause skin or eye irritation			
Medical Conditions Generally Aggravated by Exposure None reported			
Emergency First Aid Procedures Rinse contacted areas with copious amounts of water			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled			
Wear eye and skin protection and mop/wipe spill area. Rinse with water.			
Waste Disposal Method Can be disposed in the trash or down the sink			
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) NIOSH/MSHA - approved respirator			
Ventilation	Local Exhaust	No	Special None
	Mechanical (General)	No	Other None
Protective Gloves	Yes	Eye Protection	Splash prof goggles
Other Protective Clothing or Equipment None required			
Work/Hygienic Practices Avoid eye and skin contact			

