

 <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) <b>Termination Buffer</b>		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 (301) 251-5990	
Manufacturer's Name <b>EDVOTEK, Inc.</b>		Telephone Number for information (301) 251-5990	
Address (Number, Street, City, State, Zip Code) <b>14676 Rothgeb Drive Rockville, MD 20850</b>		Date Prepared 12/15/06	
		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)			
Ethylenediaminetetraacetic acid No data No data No data No data			
CAS # 139-33-3			
<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 Clear 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, halon, water spray or standard foam			
Special Fire Fighting Procedures Move container from fire area if possible			
Unusual Fire and Explosion Hazards Thermal decomposition products may include toxic and hazardous oxides of carbon, nitrogen, and sodium.			

<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	X	Excessive heat, sparks or open flame
Incompatibility Acids, Aluminum, metals, oxidizers (strong)			
Hazardous Decomposition or Byproducts Thermal decomposition products of toxic and hazardous oxides of carbon, nitrogen, & sodium.			
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) Moderate toxic by ingestion. Systemic toxicity may result. May chelate lead, magnesium, zinc, & trace metals if present in intestine, causing increased absorption			
Carcinogenicity:	NTP? No data	IARC Monographs? No data	OSHA Regulation? No data
Signs and Symptoms of Exposure Mucous membrane irritation, eye/skin irritation, irritating to gastrointestinal system.			
Medical Conditions Generally Aggravated by Exposure Renal or heart disease, potassium deficiency, insulin dependent diabetes, seizures or intracranial lesions			
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 Mop up with absorbent material. Containerize to dispose of properly.			
Waste Disposal Method Observe all federal, state, and local regulations.			
Precautions to be Taken in Handling and Storing Store away from strong oxidizers or heat. Avoid skin/eye contact.			
Other Precautions None			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type) Chemical cartridge respirator with full facepiece and organic vapor cartridge.			
Ventilation	Local Exhaust	Yes	Special None
	Mechanical (General)	Dilution Vent. Sy	Other None
Protective Gloves	Yes	Eye Protection	Splash goggles
Other Protective Clothing or Equipment Wear impervious clothing to prevent skin contact.			
Work/Hygienic Practices Emergency eye wash should be available			

 <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) <b>NBT</b>		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 (301) 251-5990	
Manufacturer's Name <b>EDVOTEK, Inc.</b>		Telephone Number for information (301) 251-5990	
Address (Number, Street, City, State, Zip Code) <b>14676 Rothgeb Drive Rockville, MD 20850</b>		Date Prepared 12/15/06	
		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)			
N, N-Dimethylformamide No data No data No data No data			
CAS # 68-12-2 H-C-O-N-(C-H)3			
Nitro Blue Tetrazolium No data No data No data No data			
CAS # 298-83-9 C4OH3OC12N1006 Contains methyl alcohol			
<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 Yellow, hygroscopic, mobile liquid with a faint amine-like 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 alcohol-resistant foam			
Special Fire Fighting Procedures Remove from fire if possible. Spray sides of container after fire is out. Apply from as far a distance as possible. Avoid breathing vapors. Keep upwind.			
Unusual Fire and Explosion Hazards Vapors are heavier than air and may travel considerable distance to source of ignition and flashback.			

<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	X	Incompatibles
Incompatibility Metals, halogens, sodium compounds, strong oxidizers.			
Hazardous Decomposition or Byproducts Thermal decomposition products may include toxic oxides of carbon and nitrogen.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Incompatibles
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic) Prolonged exposure may be fatal after fire is out. Skin: dermatitis Eye: Conjunctivitis			
Carcinogenicity:	NTP? No data	IARC Monographs? No data	OSHA Regulation? No data
Signs and Symptoms of Exposure Skin: irritation, redness, itching Eyes: irritation, blurred vision Ingestion/inhalation: headache, dizziness, nausea, abdominal pain, hypertension			
Medical Conditions Generally Aggravated by Exposure None			
Emergency First Aid Procedures Inhalation: remove to fresh air, give artificial respiration if breathing has stopped Eyes: flush with water 15-20 minutes; Skin: remove contaminated clothing, wash with soap			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in case Material is Released for Spilled Wear safety equipment. Mop up with absorbent material; containerize for later disposal For larger spills use water to reduce vapors			
Waste Disposal Method Observe all federal, state and local regulations			
Precautions to be Taken in Handling and Storing Store away from incompatibles			
Other Precautions None			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type) NIOSH/MSHA approved respirator			
Ventilation	Local Exhaust	Yes	Special None
	Mechanical (General)	Dilution Vent. Sy	Other NA
Protective Gloves	Yes	Eye Protection	Splash goggles
Other Protective Clothing or Equipment Wear impervious clothing to prevent skin contact.			
Work/Hygienic Practices Emergency eye wash should be available			