

5-68654

 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) Ampicillin		Note: Blank spaces are not permitted. If applicable, or no information is available, be marked to indicate that.	
Section I			
Manufacturer's Name EDVOTEK, Inc.		Emergency Telephone Number (301) 251-5990	
Address (Number, Street, City, State, 14676 Rothgeb Drive Rockville, MD 20850		Telephone Number for information Zip Code (301) 251-5990	
		Date Prepared 07/01/03	
		Signature of Preparer (optional)	
Section II - Hazardous Ingredients/Identify Information			
Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (Optional)			
Ampicillin CAS# 7117-48-2 No data			
Section III - Physical/Chemical Characteristics			
Boiling Point	No data	Specific Gravity (H 0 = 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: Slightly soluble			
Appearance and Odor: Odorless, white crystalline powder			
Section IV - Physical/Chemical Characteristics N.D. = No data			
Flash Point (Method Used)	No data	Flammable Limits	LEL N.D. UEL N.D.
Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam			
Special Fire Fighting Procedures: Move container from fire area if possible. Do not scatter spilled material with water streams.			
Unusual Fire and Explosion Hazards: Avoid breathing vapors.			

Section V - Reactivity Data			
Stability	Unstable	Conditions to Avoid	
	Stable	Incompatibles	
Incompatibility	Strong oxidizers		
Hazardous Decomposition or Byproducts	Toxic oxides of carbon, nitrogen and sulfur		
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur	Incompatibles	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes			
Health Hazards (Acute and Chronic): Sensitizers may result in allergic reaction			
Carcinogenicity: No data	NTP?	IARC Monographs?	OSHA Regulation?
Signs and Symptoms of Exposure: Repeated exposure may result in sensitization and possible anaphylactic shock.			
Medical Conditions Generally Aggravated by Exposure			
Emergency First Aid Procedures: Allergic symptoms. Eyes/Skin: Flush with water Inhalation: Move to fresh air			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in case Material is Released: Wear appropriate protective clothing. Sweep up and place in suitable container for later disposal. Do not flush spilled material down sink.			
Waste Disposal Method: Observe all federal, state, and local regulations			
Precautions to be Taken in Handling and Storing: Keep away from incompatible substances			
Other Precautions: None			
Section VIII - Control Measures			
Respiratory Protection (Specify Type)			
Ventilation	Local Exhaust: Yes	Special	None
	Mechanical (General): No	Other	None
Protective Gloves: Yes	Eye Protection: Splash or dust proof		
Other Protective Clothing or Equipment: Lab apron			
Work/Hygienic Practices: Wear protective clothing and equipment to prevent contact.			

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IDENTITY (As Used on Label and List) IPTG		Note: Blank spaces are not permitted. If applicable, or no information is available, be marked to indicate that.	
Section I			
Manufacturer's Name EDVOTEK, Inc.		Emergency Telephone Number (301) 251-5990	
Address (Number, Street, City, State, 14676 Rothgeb Drive Rockville, MD 20850		Telephone Number for information Zip Code (301) 251-5990	
		Date Prepared 07/01/03	
		Signature of Preparer (optional)	
Section II - Hazardous Ingredients/Identify Information			
Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (Optional)			
Not applicable			
Section III - Physical/Chemical Characteristics			
Boiling Point	None	Specific Gravity (H 0 = 1)	Unknown
Vapor Pressure (mm Hg.)	None	Melting Point	109-110°C
Vapor Density (AIR = 1)	None	Evaporation Rate (Butyl Acetate = 1)	None
Solubility in Water: Moderate			
Appearance and Odor: White crystals/slight odor of thiophenol			
Section IV - Physical/Chemical Characteristics			
Flash Point (Method Used)	Unknown	Flammable Limits	LEL UEL
Extinguishing Media: Water, carbon dioxide, or dry chemical			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None			

Section V - Reactivity Data			
Stability	Unstable	Conditions to Avoid	
	Stable	None	
Incompatibility	Strong oxidizing agents		
Hazardous Decomposition or Byproducts	Carbon dioxide and sulfur dioxide		
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur		
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation? Skin? Not studied Ingestion? Not studied			
Health Hazards (Acute and Chronic): Toxicity has not been studied			
Carcinogenicity: Unknown	NTP?	IARC Monographs?	OSHA Regulation?
	No data	No data	No data
Signs and Symptoms of Exposure: Unknown; avoid dust			
Medical Conditions Generally Aggravated by Exposure: Unknown			
Emergency First Aid Procedures: External: flush with water Internal: Induce vomiting, consult physician			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in case Material is Released for Spilled: Cover and sweep up with inert carrier			
Waste Disposal Method: Dissolve in a combustible solvent and burn in a chemical incinerator with afterburner and scrubber, or sweep up and return to original container.			
Precautions to be Taken in Handling and Storing: Avoid dust start cool			
Other Precautions: Information CAS #367-93-1			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): Filter mask			
Ventilation	Local Exhaust: Yes	Special	None
	Mechanical (General): Yes	Other	None
Protective Gloves: Rubber or vinyl	Eye Protection: Face mask or goggles		
Other Protective Clothing or Equipment: Lab apron			
Work/Hygienic Practices: Avoid dust or contact with skin			