

Product Catalog Number: 590-008 590-250 Name (on Label): ATAC PAK® Uric Acid Reagent Kit ATAC® Uric Acid Reagent Kit	Note:
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Section I - NAME AND PRODUCT	
Manufacturer's Name: Vital Diagnostics, Inc. Address: 27 Wellington Road Lincoln, RI 02865	Emergency Telephone Number: 1-760-602-8700 Telephone Number for Information: 1-401-642-8400; 1-800-345-2822 Date Prepared: 6/1/08

Section II - Hazard Ingredients/Identity Information								
Hazardous Components	CAS #	NFPA			Conc.	% (WT)	TLV	OSHA PEL
		Health	Fire	Reactivity				
Mannitol	69-65-8	N/A	N/A	N/A	N/A	4.6	Not established	N/A
Potassium Phosphate (Dibasic)	7758-11-4	N/A	N/A	N/A	N/A	2.1	Not established	N/A

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).
 TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

Section III - Physical/Chemical Characteristics	
Boiling Point: Mannitol: 554°F Potassium Phosphate: N/A	Specific Gravity (H₂O = 1): Mannitol: N/A Potassium Phosphate: 2.34
Vapor Pressure (mm Hg.): Mannitol: N/A Potassium Phosphate: N/A	Melting Point: Mannitol: 333°F Potassium Phosphate: N/A
Vapor Density (AIR = 1): Mannitol: 1.52 Potassium Phosphate: N/A	Evaporation Rate: (Butyl Acetate = 1) Mannitol: N/A Potassium Phosphate: N/A
Solubility in Water: Mannitol: N/A Potassium Phosphate: N/A	Other Physical Data: Mannitol: N/A Potassium Phosphate: N/A
Appearance and Odor: Mannitol: N/A Potassium Phosphate: N/A	

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Section IV - Fire and Explosion Hazard Data		
Flash Point (Method Used): Mannitol: >300°F Potassium Phosphate: N/A	Flammable Limits	
	Lower Explosive Limit:	Upper Explosive Limit:
	N/A	N/A
Extinguishing Media: Suitable for surrounding fire.		
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.		
Unusual Fire and Explosion Hazards: Mannitol: Pure mannitol is combustible and may emit toxic fumes on thermal decomposition. Potassium Phosphate: Oxides of phosphorus produced on thermal decomposition.		

Section V - Reactivity Data			
Stability:	Unstable		Conditions to Avoid: N/A
	Stable	X	
Incompatibility (Materials to Avoid): None.			
Hazardous Decomposition or Byproducts: N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur	X	

Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic): Chronic: N/A Acute: N/A			
Carcinogenicity: N/A	NTP: N/A	IARC Monographs: N/A	OSHA Regulated: N/A
Signs and Symptoms of Exposure: Mannitol: Contact with the eyes or skin may cause irritation. If ingested, may cause gastric irritation, nausea, and vomiting. If large quantities are inhaled, coughing and irritation of respiratory tract may occur. Potassium Phosphate: Contact with the eyes, skin, or mucous membranes may cause irritation. Harmful if ingested.			
Medical Conditions Generally Aggravated by Exposure: N/A			
Emergency and First Aid Procedures: Ingestion: Drink large quantities of water or milk. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Contact a physician or Poison Control Center. Skin: Flush skin with water for 15 minutes. Wash affected area thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops or persists. Eyes: Flush eyes, including under the eyelids, with water for 15 minutes. Get immediate medical attention. Inhalation: Provide fresh air. Restore or support breathing. Keep victim warm and quiet. Call a physician if warranted.			

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Section VII - Precautions for Safe Handling and Use
Steps to Be Taken in Case Material is Released or Spilled: Ventilate area. Eliminate ignition sources. Absorb with non-reactive absorbent. After absorption, scoop up into a container for proper disposal. Wash area clean after all material is picked up.
Waste Disposal Method: Comply with all federal, state, and local regulations.
Precautions to Be taken in Handling and Storing: N/A
Other Precautions: N/A

Section VIII - Control Measures		
Respiratory Protection (<i>Specify Type</i>): None required.		
Ventilation:	Local Exhaust: N/A Mechanical (<i>General</i>): Recommended. Special: N/A Other: Provide safety shower.	Protective Gloves: Yes Eye Protection: Yes. Provide eyewash station. Other Protective Clothing or Equipment: Lab coat Work/Hygienic Practices: DO NOT PIPETTE BY MOUTH. Normal laboratory precautions are recommended.

Section IX - Other Information
Miscellaneous Information: The State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (commonly known as Proposition 65) requires the following warning: This product contains a chemical known to the State of California to cause cancer.
<i>The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which Vital Diagnostics shall be liable.</i>