

Material Safety Data Sheet

Product Catalog Number: 391-060 Name (on Label): ATAC [®] hsCRP Calibrator Kit	Note:
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Section I - NAME AND PRODUCT	
Manufacturer's Name: Vital Diagnostics, Inc.	Emergency Telephone Number: 1-760-602-8700
Address: 27 Wellington Road Lincoln, RI 02865	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				
Sodium Azide	26628-22-8	N/A	N/A	N/A	N/A	N/A	2 mg/cum	2 mg/cum

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: N/A	Specific Gravity (H₂O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate: N/A (Butyl Acetate = 1)
Solubility in Water: N/A	Other Physical Data: Recombinant form of Human C-reactive Protein produced in E. Coli in a buffered protein base with Sodium Azide as a preservative.
Appearance and Odor:	

Section IV - Fire and Explosion Hazard Data		
Flash Point (Method Used): N/A	Flammable Limits	
	Lower Explosive Limit:	Upper Explosive Limit:
	N/A	N/A
Extinguishing Media: Dry chemical, water, or CO ₂ foam extinguishers. Sodium Azide is reactive.		
Special Fire Fighting Procedures: N/A		
Unusual Fire and Explosion Hazards: Sodium Azide is reactive.		

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Section V - Reactivity Data			
Stability: N/A	Unstable		Conditions to Avoid: N/A
	Stable		
Incompatibility (<i>Materials to Avoid</i>): Sodium azide is reactive with heavy metals, strong oxidizers, strong acids, and acid chlorides.			
Hazardous Decomposition or Byproducts: N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur		

Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards (<i>Acute and Chronic</i>): Chronic: Acute: Target organs: heart, nervous system.			
Carcinogenicity:	NTP:	IARC Monographs:	OSHA Regulated:
Signs and Symptoms of Exposure: Headache, nausea, shortness of breath and vomiting.			
Medical Conditions Generally Aggravated by Exposure: N/A			
Emergency and First Aid Procedures: Ingestion: If accidentally ingested, seek medical assistance immediately. Skin: Wash skin thoroughly with soap and water. If topical symptoms are observed, seek medical assistance immediately. Eyes: Rinse eyes immediately with water. Inhalation:			

Section VII - Precautions for Safe Handling and Use
Steps to Be Taken in Case Material is Released or Spilled: Wear gloves and protective garments. After spillage, mop up with absorbent material (e.g. cotton, wool or paper towel). Flush away with plenty of water to prevent Sodium Azide accumulation.
Waste Disposal Method: Dispose of this product in a manner consistent with State and Federal regulations.
Precautions to Be taken in Handling and Storing: Store at temperatures specified on bottle labels (2-8° C). Keep container tightly closed and free from contamination.
Other Precautions: CAUTION: Sodium Azide can form explosive compounds in copper and lead pipes. Flush waste with excess water.

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Section VIII - Control Measures		
Respiratory Protection (<i>Specify Type</i>): N/A		
Ventilation:	Local Exhaust: N/A	Protective Gloves: Chemical resistant gloves
	Mechanical (General): N/A	Eye Protection: Safety glasses
	Special: N/A	Other Protective Clothing or Equipment: Lab coat
	Other: N/A	Work/Hygienic Practices: Normal laboratory precautions are recommended.

Section IX – Other Information
<p>Miscellaneous Information: The full chemical, physical, toxicological, and carcinogenic properties of this dilute solution have not been fully investigated. This material is intended for use with biomedical materials and should only be used by individuals properly trained in disposal procedures required for biomedical wastes and in personal safety, and health related techniques used in clinical laboratories.</p>
<p><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></p>