

Material Safety Data Sheet (MSDS)

Revision Number: 1.0		Last updated: 01/05/2012	
<u>1) Product and Company Identification</u>			
Product Name		Catalog Antibodies (Non-Zebrafish)	
Manufacturer/Supplier		AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com	
Catalog Number		Applies to products that fall within the following ranges: 27007-61250	
Unit Size		25-50 µg	
<u>2) Hazards Identification</u>			
<p><u>Emergency Overview:</u> Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.</p> <p><u>GHS Hazard Classification:</u> <u>GHS Physical Hazards:</u> <div style="text-align: center;">None</div> <u>GHS Health and Environmental Hazards:</u> <div style="text-align: center;">H316 Causes mild skin irritation H320 Causes eye irritation</div> <u>GHS Signal Words:</u> <div style="text-align: center;">Warning</div> <u>GHS Hazard Statements:</u> <div style="text-align: center;">None</div> <u>GHS Precautionary Statements:</u> <div style="text-align: center;">P280 Wear Eye Protection</div> </p> <p><u>HMIS Classification</u> <div style="text-align: center;"> Health Hazard: 1 Chronic Health Hazard: 0 Flammability: 0 Physical Hazards: 0 </div> </p> <p><u>NFPA Rating</u> <div style="text-align: center;"> Health Hazard: 1 Fire: 0 Reactivity Hazard: 0 </div> </p>			
<u>3) Composition / Information on Ingredients</u>			
Ingredients/Components			

Chemical Name	CAS Number	Proportion (%)
Phosphate Buffered Saline (PBS), pH 7.4	None	-
Sodium azide	26628-22-8	0.02%
Rabbit Immunoglobulin G	None	-
<u>4) First Aid Measures</u>		
Inhalation:	If inhaled, move person into fresh air. If not breathing, provide artificial respiration. If breathing is difficult, provide oxygen. Consult a physician.	
Ingestion:	If swallowed, wash out mouth with water provided person is conscious. Consult a physician immediately.	
Skin:	In case of skin contact, immediately wash skin with soap and large amounts of water. Never give anything by mouth to an unconscious person. Consult a physician.	
Eyes:	In case of contact with eyes, immediately flush eyes with large amounts of water for at least 15 minutes. Consult a physician.	
<u>5) Firefighting Measures</u>		
Extinguishing media:	Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.	
Special firefighting procedures:	Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.	
Unusual fire and explosions hazards:	None	
<u>6) Accidental Release Measures</u>		
Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws. Avoid dust formation. Do not let product enter drains.		
<u>7) Handling and Storage</u>		
Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Recommended storage temperature: -20°C		
<u>8) Exposure Controls / Personal Protection</u>		
Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.		
<u>9) Physical and Chemical Properties</u>		
Physical State	Liquid	
Odor	Not determined	
Solubility	Not determined	
pH	Not determined	
Boiling Point	Not determined	
Melting Point	Not determined	
Flash Point	Not determined	

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<u>10) Stability and Reactivity</u>	
<i>Stability</i>	Stable under recommended storage conditions. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.
<i>Dangerous Products of Decomposition</i>	Nature of decomposition products not known.
<i>Dangerous Reactions</i>	No dangerous reactions identified.
<u>11) Toxicological Information</u>	
<i>RTECS Number</i>	Not listed
<i>Toxicity</i>	No data available
<i>Health Hazards</i>	May cause skin irritation. May be harmful if absorbed through skin. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.
<i>Potential Hazards</i>	Not identified
<i>Carcinogenicity</i>	Not listed by NTP, IARC or OSHA.
<i>OSHA Permissible Exposure Limit (PEL) Data</i>	Not identified
<i>ACGIH Threshold Limit Values (TLV)</i>	Not identified
<u>12) Ecological Information</u>	
Do not allow product to reach ground water, watercourse, or sewage system.	
<u>13) Disposal Considerations</u>	
Consult local, state or national regulations for proper disposal.	
<u>14) Transport Information</u>	
This substance is considered to be non-hazardous for transport.	
<u>15) Regulatory Information</u>	
<p>US TSCA (Toxic Substance Control Act): N/A US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): N/A US SARA Title III (Superfund Amendments and Reauthorization Act): N/A US Clean Air Act: Listed under Hazardous Air Pollutants: N/A Listed under Class 1 Ozone Depletors: N/A Listed under Class 2 Ozone Depletors: N/A US Clean Water Act: Listed under "Hazardous Substances": N/A Listed under "Priority Pollutants": N/A Listed under "Toxic Pollutants": N/A</p> <p>US States: Right-to-Know: Listed in the following States: N/A California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.</p> <p>European/International Regulations: EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number: N/A</p>	

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WGK (Water Danger / Protection): N/A
Canada – DSL/NDSL: N/A
Canada – WHMIS classification: N/A
Canada – Canadian Ingredient Disclosure List: N/A
Other Country Regulations: N/A

16) Other Information

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.

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