

Safety Data Sheet (SDS)

<i>Revision Number:</i> 1.0	<i>Last updated:</i> (e.g. 7/9/2013)		
<u>1. Identification</u>			
<i>Product identifier used on the label and other means of identification:</i>	<i>Name</i>	<i>Catalog Number</i>	<i>Unit Size</i>
	Catalog Antibodies	See Section 16	Listed on Datasheet
<i>Recommended use/restrictions on use:</i>	For research use only. Not intended for food, drug, household, agricultural or cosmetic use.		
<i>Manufacturer/Distributor:</i>	AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com		
<i>Emergency phone number:</i>	1-800-728-2482		
<u>2. Hazards Identification</u>			
<i>GHS Hazard Classification:</i>			
<i>GHS Physical Hazards</i> No Physical Hazards			
<i>GHS Health and Environmental Hazards</i> No Health or Environmental Hazards			
<i>GHS Signal Words:</i> no applicable information is available			
<i>GHS Hazard Statements:</i> None			
<i>GHS Hazard Symbol/Pictogram:</i> no pictogram			
<i>GHS Precautionary Statements:</i> Wear Eye Protection			
<i>Description of any hazards not otherwise classified:</i> None			
<i>Description of any unknown acute toxicity:</i> None			
<i>HMIS Classification</i>			
<i>Health hazard:</i> 0			
<i>Chronic Health Hazard:</i> 0			
<i>Flammability:</i> 0			
<i>Physical hazards:</i> 0			
<i>NFPA Rating</i>			
<i>Health hazard:</i> 0			
<i>Fire:</i> 0			
<i>Reactivity Hazard:</i> 0			

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3. Composition / Information on Ingredients*Ingredients/Components:*

<i>Chemical Name and Synonyms:</i>	<i>CAS Number:</i>	<i>Molecular Formula:</i>	<i>Molecular Weight:</i>
<i>Sodium azide</i>	26628-22-8	<i>NaN₃</i>	<i>65.01</i>

4. First Aid Measures

NOTE: Refer to "11. Toxicological Information" for more information on additional symptoms and effects.

<i>Inhalation:</i>	If adverse effects occur, remove to uncontaminated area.
<i>Ingestion:</i>	If a large amount is swallowed, get medical attention.
<i>Skin:</i>	Wash contaminated areas with soap and water.
<i>Eyes:</i>	Flush eyes with plenty of water for at least 15 minutes.

5. Fire Fighting Measures

<i>Extinguishing media:</i>	Use methods appropriate for the surrounding fire.
<i>b) Unusual fire and explosion hazards (hazardous combustion products):</i>	Carbon monoxide, carbon dioxide, and nitrogen oxides.
<i>c) PPE for firefighters and special firefighting procedures/techniques:</i>	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, face mask, and self-contained breathing apparatus.

6. Accidental Release Measures

NOTE: Use PPE described in "8. Exposure Controls/Personal Protection" when responding to accidental release.

<i>Precautions and spill response/procedure</i>	Wear appropriate personal protective equipment (impervious gloves). Absorb spill with paper towel and dispose into biohazard waste.
<i>Containment materials</i>	Contain and recover spilled liquid when possible

7. Handling and Storage

<i>Provisions for safe handling</i>	Avoid inhaling mists or vapors. Prevent contact with skin and eyes.
<i>Conditions for safe storage</i>	Keep in a tightly closed container. Store in a 4 °C for short-time and -20°C for long-time storage.

8. Exposure Controls / Personal Protection

<i>Exposure limits</i>	<i>OSHA Permissible Exposure Limit(PEL)</i>	0.1ppm Ceiling (as HN ₃); 0.3mg/m ³ Ceiling (as NaN ₃)
	<i>ACGIH Threshold Limit Values (TLV)</i>	0.29 mg/m ³ Ceiling (as NaN ₃); 0.11 ppm Ceiling (vapor, as hydrazoic acid)
<i>Engineering controls</i>	Normal room ventilation is usually adequate.	
<i>PPE</i>	Use good hygiene practices when handling this material. Safety glasses and Lab coat are recommended.	

9. Physical and Chemical Properties

<i>a) Appearance (Physical State, color, etc.)</i>	Colorless
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b) Odor	Odorless
c) Order threshold	Not available
d) pH	Neutral
e) Initial Boiling Point Boiling Range	Not available
f) Flash Point	Not available
g) Melting Point/Freezing point	Not available
h) Evaporation Rate:	Not available
i) Flammability (solid, gas)	Not available
j) Upper/Lower Flammability or Explosive Limits	Not available
k) Vapor Pressure:	Not available
l) Vapor Density:	Not available
m) Relative Density	Not available
n) Solubility(ies)	Miscible
o) Partition Coefficient n-octanol/water	Not available
p) Auto-Ignition Temperature	Not available
q) Decomposition Temperature	Not available
r) Viscosity	Not available
s) Other	Not available

10. Stability and Reactivity

NOTE: See "5. Fire Fighting Measures" for any "hazardous combustion products".

a) Reactivity	Not reactive
b) Chemical stability	None identified
c) Possibilities of hazardous Reactions	Will not occur
d) Conditions to avoid	None identified
e) Incompatible materials	Avoid strong oxidizing agents.
f) Hazardous decomposition products	At thermal decomposition temperatures carbon monoxide, carbon dioxide, and oxides of nitrogen.

11. Toxicological Information

a) Likely routes of exposure		May be harmful if swallowed.
b) Description of the symptoms		No information available
c) Effects from short- and long- term exposure	Immediate effects:	No information available
	Delayed effects:	No information available
	Chronic effects:	No information available
d) Toxicity		LD50/LC50 Sodium azide (26628-22-8)
e) Carcinogenicity:		ACGIH: A4- Not Classifiable as a Human Carcinogen

12. Ecological Information

No available information

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13. Disposal Considerations

NOTE: Use PPE described in "8. Exposure Controls/Personal Protection" during disposal.

Waste must be handled in accordance with all applicable state and local disposal regulations. Each state may differ from federal disposal regulations. Consult local authorities before disposal.

14. Transport Information

<i>UN Number</i>	N/A
<i>Transport hazard Class</i>	This substance is considered to be non-hazardous for transport
<i>Packing Group</i>	No dangerous goods
<i>Proper Shipping Name (DOT/IATA)</i>	No dangerous goods
<i>Marine pollutant</i>	No

15. Regulatory Information

US TSCA (Toxic Substance Control Act): Not Listed

US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not Listed

US SARA Title III (Superfund Amendments and Reauthorization Act): This material does not contain any chemical component with known CAS numbers that exceed the threshold reporting levels established by SARA Title III

US Clean Air Act:

Listed under Hazardous Air Pollutants: Not Listed

Listed under Class 1 Ozone Depletors: Not Listed

Listed under Class 2 Ozone Depletors: Not Listed

US Clean Water Act:

Listed under "Hazardous Substances": Not Listed

Listed under "Priority Pollutants": Not Listed

Listed under "Toxic Pollutants": Not Listed

US States:

RETC Number: no

Right-to-Know:

Listed in the following States: N/A

California Proposition 65: N/A

European/International Regulations:

EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number: N/A

WGK (Water Danger / Protection): Not Listed

Canada – DSL/NDSL: Not Listed

Canada – WHMIS classification: Not Listed

Canada – Canadian Ingredient Disclosure List: Not Listed

16. Other Information**AnaSpec Inc.**

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The above information is believed to be correct but does not purport to be all inclusive. Users of this SDS shall understand it is to be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. Users are granted the right to make unlimited copies of this SDS for internal use only. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product. The date of first preparation or last revision is listed at the top of this SDS.

This SDS covers all the listed items below.
Cat # 55962-56024, 56026-56073