

# SAFETY DATA SHEET

## Antibodies not containing sodium azide for Research Use Only applications

### 1. Product and company information

**Products:** purified and supernatant antibodies (proteins) in buffers without sodium azide.

**Manufacturer:**

Exalpha Biologicals, Inc  
2 Shaker Road, Unit B101  
Shirley, MA 01464  
(978) 425-1370 (U.S.A.)

**Emergency Telephone Numbers:**

Contact National Poison Information Center

### 2. Hazards identification

**General warnings and precautions**

All reagents should be handled in accordance with good laboratory practices using appropriate precautions.

GHS- Classification

Ozone	Not applicable
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GHS Label elements, including precautionary statements: Not dangerous.

Other information: No information available.

### 3. Composition/Information on Ingredients

Chemical name	CAS-No	Weight %	Classification (Reg. 1272/2008)
Protein	Not applicable	1%	Not applicable

#### 4. First aid measures

General advice	Do not get in eyes or swallow.
Eye contact	Flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 5 minutes. Keep eye wide open while rinsing.
Skin contact	Not applicable
Ingestion	Rinse mouth. Drink plenty of water.
Inhalation	Not applicable
Notes to physician	Treat symptomatically.
Protection of first-aiders	Not applicable

#### 5. Firefighting measures

Flammable properties	Not flammable.
Flash point	Not determined.
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Explosion data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Protective equipment and precautions for firefighters	Not applicable

#### 6. Accidental release measures

Personal precautions	Not applicable
Environmental precautions	Not applicable
Methods for containment	Prevent further leakage
Methods for cleaning up	Clean with tissue and water

## 7. Handling and storage

Advice on safe handling

Avoid contact with eyes. Do not swallow.

Technical measures/ Storage conditions

Keep container tightly closed in a refrigerator or freezer. Keep out of the reach of children.

## 8. Exposure controls and personal protection

Exposure guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Protein	Not applicable	Not applicable	Not applicable

Other Exposure Guidelines                      Not applicable

Engineering measures:                              Eyewash stations.

Personal protective equipment

Eye/face protection                              Tightly fitting safety goggles.

Skin and body protection                        No special protective equipment required.

Respiratory protection                            Not applicable

Hygiene measures:                                Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical characteristics

Appearance, odor threshold, flashpoint, decomposition temperature, melting point/range, explosion limits, specific gravity, evaporation rate, VOC content (%), odor, physical state @ -20C, autoignition temperature, boiling point/range, flammability limits in air, solubility, vapor density no data or information available.

pH=7.6



## 10. Stability and reactivity

Stability	Stable under recommended temperatures and pressures.
Hazardous incompatibilities	none known
Hazardous decomposition products	none known
Conditions to avoid	none known
Hazardous polymerization	Hazardous polymerization does not occur.

## 11. Toxicological Information

Acute toxicity

Product Information: Product does not present an acute toxicity hazard.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Protein	Not applicable	Not applicable	Not applicable

Chronic toxicity: none known

Target organ effects: none known

## 12. Ecological information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Protein	Not applicable	Not applicable	Not applicable	Not applicable

## 13. Disposal considerations

Waste disposal methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Can be removed with water and tissue and disposed of in regular lab waste
Contaminated packaging	Do not re-use empty containers.
US EPA Waste Number	Not applicable

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Protein	Not applicable	Not applicable	Not applicable	Not applicable

This product does NOT contain one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Protein	Not applicable

#### 14. Transport information

Not classified as dangerous goods under DOT, IATA, or ADR.

#### 15. Regulatory information

U.S. Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Protein	Not applicable	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium Azide	X	X	X		X

International Regulations

WHMIS Note: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. Other information**

**Revision 1.0**

**Revision Date** 13 Dec 2022

**Revision Note** No information available.

**Disclaimer:**

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Prepared by: Exalpha Biologicals, Inc  
 Phone Number: 978-425-1370 (U.S.A.)