

Safety Data Sheet

Trade Name: Mag Bind Total Pure NGS

Revision Date: 9/9/2016

SECTION 1. IDENTIFICATION OF PRODUCT AND COMPANY:

Product Name: Mag Bind Total Pure NGS

Manufacturer or Supplier Details:

Company Name: Omega Bio-tek, Inc.
Address: 400 Pinnacle Way, Suite 450
Norcross, GA 30071
USA
Telephone: 1-800-832-8896
Email: info@omegabiotek.com
Emergency Telephone: CHEMTREC
USA & Canada: 1-800-424-9300
Outside USA & Canada: 1-703-527-3887

Recommended Use of the Chemical and Restrictions on Use:

Recommended Use: For research use only.

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification:

Health Hazards: No known OSHA hazards.
Not a dangerous substance according to GHS.

GHS Label Element:

Hazard Symbol: N/A

Hazard Statements:

Not a hazardous substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Substance or Mixture: Mixture of non-hazardous substances.

Synonyms/Common Names: N/A

Chemical Name	CAS No.	Concentration (%)
Sodium azide	26628-22-8	0.05%

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SECTION 4. FIRST AID MEASURES:

General Advice:	Wear protective gloves/protective clothing/eye protection/face protection.
If Inhaled:	If not breathing, give artificial respiration.
In Case of Skin Contact:	Wash with soap and water.
In Case of Eye Contact:	Remove contact lenses, if present and easy to do. Continue rinsing.
If Swallowed:	N/A
Most Important Symptoms and Effects, Acute and Delayed:	N/A
Recommendations for Immediate Medical Attention and Special Treatment:	Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES:

Conditions of Flammability:	Not flammable or combustible.
Suitable Extinguishing Media:	Dry powder, CO ₂ , water spray or regular foam.
Special Protective Equipment for Firefighters:	Wear self-contained breathing apparatus, if necessary.
Hazardous Combustion Products:	N/A
Further Information:	Prevent firefighting water from entering surface water or groundwater.

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SECTION 6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:	Avoid inhalation of vapors or mist. See Section 8: Exposure Controls/ Personal Protection for more information.
Environmental Precautions:	Do not allow undiluted product to enter sewer/surface or ground water.
Emergency Procedures:	Evacuate personnel to safe areas and follow emergency response protocols.
Methods and Materials for Containment and Cleaning Up:	Use inert absorbent material to soak up spill.

SECTION 7. HANDLING AND STORAGE:

Precautions for Safe Handling:	Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes, skin and clothing. Avoid inhalation of vapors or mist.
Conditions for Safe Storage:	Store at 2-8°C. Keep container tightly closed in a dry, well-ventilated place.
Incompatible Products:	N/A

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Appropriate Engineering Controls: Adequate ventilation and access to eye washing stations are required.

Recommendations for Personal Protective Measures:

Hand Protection:	Use gloves when handling this product. Inspect gloves prior to use for any visible damage. Use proper glove removal technique to prevent contact with skin. Dispose of gloves in accordance with applicable laws. Wash and dry hands after use.
Eye Protection:	Use a face shield and/or safety goggles when handling this product. Use eyewear that has been approved by NIOSH.
Skin and Body Protection:	Wear appropriate laboratory attire when handling this product, such as gloves, long pants, closed-toe shoes and a laboratory coat.

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Respiratory Protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be used.
Hygiene Measures:	Avoid contact with eyes, skin and clothing. Wash hands thoroughly after using this product. Do not eat, drink or smoke when handling this product.

Special Requirements for Personal Protective Equipment, Protective Clothing, Respirators, etc:

N/A

Components with Workplace Control Parameters:

N/A

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:

Form:	Liquid, with precipitates
Color:	Brown

Odor: No data available

Odor Threshold: No data available

pH: No data available

Melting Point/Freezing Point: No data available

Initial Boiling Point/Boiling Range: No data available

Flash Point: No data available

Evaporation Rate: No data available

Flammability (Solid, Gas): No data available

Upper/Lower Limits on Flammability and Explosive Limits:

Flammability Limit (Upper): No data available

Flammability Limit (Lower): No data available

Explosive Limit (Upper): No data available

Explosive Limit (Lower): No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: No data available

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Solubility:

Solubility in Water: No data available

Solubility (Other): No data available

Partition Coefficient (n-octanol/
water): No data available

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

SECTION 10. STABILITY AND REACTIVITY:

Reactivity: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: N/A

Conditions to Avoid: N/A

Materials to Avoid: N/A

Hazardous Decomposition Products: N/A

SECTION 11. TOXICOLOGICAL INFORMATION:

Information on Likely Routes of Exposure:

Inhalation: No data available

Ingestion: No data available

Skin: No data available

Eyes: No data available

Information on Toxicological Effects:

Acute Toxicity:

Oral LD50: No data available

Inhalation LC50: No data available

Dermal LD50: No data available

Other Information: No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Irritation: No data available

Respiratory or Skin Sensitization: No data available

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Germ Cell Mutagenicity: No data available

Carcinogenicity:

IARC: No component of this product that is present at 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product that is present at 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product that is present at 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product that is present at 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data available

Specific Target Organ Toxicity - Single Exposure: No data available

Specific Target Organ Toxicity - Repeated Exposures: No data available

Aspiration Hazard: No data available

Signs and Symptoms of Exposure: No data available

Synergistic Effects: No data available

Additional Information: None known.

SECTION 12. ECOLOGICAL INFORMATION:

Toxicity: No known significant effects or critical hazards.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

PBT and vPvB Assessment: No data available.

Other Adverse Effects: This product contains an environmentally hazardous substance below the cutoff level. Refer to Section 3 for ingredient information. Do not allow undiluted product to enter sewer/surface or ground water.

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SECTION 13. DISPOSAL CONSIDERATIONS:

Product: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76). To avoid possible build-up of azide compounds, flush wastepipes with water after the disposal of undiluted reagent. Sodium azide disposal must be in accordance with appropriate local regulations.

Refer to Section 7: Handling and Storage and Section 8: Exposure Control/ Personal Protection for additional handling information and protection of employees.

Contaminated Packaging: Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION:

DOT: Not regulated.
IMDG: Not regulated.
IATA: Not regulated.

SECTION 15. REGULATORY INFORMATION:

US Federal Regulations:

SARA 302/304:

Composition of/Information on Ingredients:

Name:	%	EHS	SARA 302 TPQ:		SARA 304 RQ:	
			(lbs)	(gallons)	(lbs)	(gallons)
Sodium azide	0.05	Yes	500	-	1,000	-

SARA 304 RQ: 2,000,000 lbs / 908,000 kg

SARA 313 Components: Sodium azide is subject to reporting requirements of Section 313, Title III of SARA. 1.0% de minimis concentration.

SARA 311/312 Hazards: N/A

US State Regulations:

California Prop. 65: No ingredient regulated by CA Prop 65 present.

Massachusetts RTK: Sodium azide CAS No. 26628-22-8

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New Jersey & Community RTK:	Water Sodium azide	CAS No. 7732-18-5 CAS. No 26628-22-8
Pennsylvania RTK:	Water Sodium azide	CAS No. 7732-18-5 CAS No. 26628-22-8
Rhode Island RTK:	No ingredient regulated by RI Right to Know Act present.	

SECTION 16. OTHER INFORMATION:

Issue Date: 9/10/2015
Revision Date: 9/9/2016
Version: 4.0
Further Information: No data available.

Disclaimer: The above information is believed to be correct but does not claim to be all inclusive. This document shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Omega Bio-tek, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.