



# Material Safety Data Sheet

## Section 1. Company and Product Identification

Product Identifier: IMS300, GiardiaGrab™ Immunomagnetic Separation Particles  
 Product Use: Detection of *Giardia lamblia* by immunomagnetic separation.  
 Manufacturer/Supplier: Waterborne™, Inc.  
 Office Address: 6045 Hurst Street, New Orleans, LA 70118, USA  
 Laboratory Address: 924 Valmont Street, Ste 101A, New Orleans, LA 70115, USA  
 Telephone / FAX: (504) 895-3338 Emergency Phone: 1-866-895-3338

Revision Date: 6/10/10

## Section 2. Composition/Information on Ingredients

Chemical Identity / Common Name	CAS Number	OSHA PEL	NIOSH REL	ACGIH TLV
Animal Protein Antibody	NA	Not Listed	Not Listed	Not Listed
Sodium azide (at 0.04% w/v)	26628-22-8	Not Listed	0.3 ppm mg/m <sup>3</sup> ceiling	0.29mg/m <sup>3</sup> ceiling

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## Section 3. Hazards Identification

May enter body through eyes, nose, mouth, and skin. Follow appropriate laboratory safety procedures.  
 Potential Health Effects: Exposure may cause the following acute health effects: eye, skin, and/or respiratory irritation. Potentially toxic if ingested; consult a physician immediately. No chronic health effects have been reported nor are they expected.

## Section 4. First Aid Measures

Inhalation: None listed as this product is not likely to be hazardous by inhalation.  
 Skin Contact: None listed as this product is not likely to be hazardous by contact. Washing hands after use is advisable.  
 Eye Contact: Flush eyes immediately with water for at least 15 minutes. Call a physician.  
 Ingestion: May be harmful if swallowed. Contact a physician immediately.

## Section 5. Fire Fighting Measures

Fire & Explosion Hazard: Not flammable or explosive.  
 Extinguishing Media: Use media appropriate to surrounding material(s).  
 Special Instructions: Fire and explosion not expected to be a problem. Sodium azide is in dilute enough quantities whereby special consideration is not needed.

## Section 6. Accidental Release Measures

Use appropriate personal protective equipment (listed in section 8) when cleaning in area of spill. Absorb small volumes of liquid with appropriate material. Collect and dispose of waste in appropriate manner.

## Section 7. Handling and Storage

Handling: Gloves, protective clothing and eyewear are recommended while using this product. Wash hands after use.  
 Packaging Material: Use original container. Keep container securely closed.  
 Storage: Do not freeze. Store at 4 ° C. Avoid prolonged exposure to light.

## Section 8. Exposure Controls & Personal Protection

Respiratory:	No special equipment needed when handling small volumes.	Body:	Apron, gown or lab coat.
Eye Protection:	Protective glasses.	Hands:	Gloves.

## Section 9. Physical/Chemical Properties

Physical State:	Liquid.	pH:	Not Determined.	Specific Gravity:	Not Determined.
Odor/Appearance:	Not Determined / Yellow.	Boiling Point:	Not Determined.	Vapor Pressure:	Not Determined.
Solubility in Water:	High.	Melting Point:	Not Determined.	Flash Point:	Not Determined.

## Section 10. Stability & Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.	Hazardous Decomposition Products:	None known.
Conditions to Avoid:	None known.	Hazardous Polymerization:	Will not occur.
Incompatibilities:	None known.		

## Section 11. Toxicological Information

Not classifiable as a human carcinogen. No other toxicological information is available at this time. Handle with care and take appropriate cautions.

## Section 12. Ecological Information

Do not allow product to reach ground water, water course, or sewage system.

## Section 13. Disposal Information

Waste Disposal: RCRA (40 CFR Part 261): Not listed as hazardous waste. Consult local, state or national regulations for proper disposal.

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**Section 14. Transport Information**

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IATA: Not IATA restricted.  
DOT: Not DOT regulated.  
International Information: Import permits may be required. Please check with your Customs Department.  
Other Information: Shipped with gel packs.

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**Section 15. Regulatory Information**

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OSHA: Materials in this product are hazardous as defined by Hazard Communication Standard (29 CFR 1910.1200).  
CERCLA: Hazardous Substance (40 CFR 302.4): Sodium azide is listed, other chemicals are not.  
Extremely Hazardous Substance (40 CFR 302.4): Sodium azide is listed, other chemicals are not.  
TSCA: Sodium azide is listed on the TSCA inventory, all other chemicals are not.  
SARA: Not listed under SARA Section 313.  
WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.  
DSL: No  
NDSL: No

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**Section 16. Other Information**

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*The information included in this document is based on experience and testing. To the best of our knowledge, the information contained in this document is accurate. However, the above named supplier does not assume liability for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution.*

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