

Material Safety Data Sheet

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Cat.#
Magnetic beads (DNA & RNA Purification)	40051
Magnetic beads (microRNA & Oligo Purification)	40052
Magnetic beads (PCR Purification)	40053
Magnetic beads (tRNA Purification)	40054
DNA Concentrator (Magnetic Beads)	40055
cfDNA Purification Kit (Magnetic Beads)	40056
miRNA-Purification-Kit-(tRNA-Depletion)	40057
Magnetic Beads (Short Oligo Purification)	40058
Plasmid Purification Magnetic Beads (RNA Depletion)	40059
RNA Contamination Removal Magnetic Beads (gDNA Purification)	40060
DNA Normalization Magnetic Beads (NGS, PCR, gDNA)	40071; 40072

Use of The Substance: For R&D/experimental use only

Company Identification: BioDynami

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E-mail: support@biodynami.com

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview: Brown; Clear with brown precipitate; Liquid. Not expected to present an immediate, significant hazard if spilled.

Health Effects: No significant hazard expected.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients		Hazard Classification of Pure Ingredients		
Chemical Name	% by wt.	EU-67/548/EEC	EU 1272/2008 CLP/GHS	GHS
Sodium Azide CAS # 26628-22-8 EINECS # 247-852-1 Index # 011-004-00-7	<0.1%	T+;R28-32 N;R50/53	Acute Tox. Oral 2 Aquatic Acute 1 Aquatic Long term 1 H300; H400; H410	Acute Tox. Oral 2 Aquatic Acute 1 Aquatic Long term 1 H300; H400; H410

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing becomes difficult, call a physician.

Skin: Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

Eye: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Ingestion: If swallowed, contact a Poison Control Center or seek medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam, carbon dioxide or dry chemical as suitable for surrounding materials.

Special Exposure Hazards: Not applicable.

Special Protective Equipment: Wear approved pressure-demand self-contained breathing apparatus and full protective gear.

Hazardous Decomposition: Not applicable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent skin/eye contact. Use personal protective equipment as needed.

Environmental Methods For Cleaning Up: Cover with absorbent material and sweep up being careful not to create dust. Place into suitable waste container for later disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes.

Storage: Keep container tightly closed. Store at 4°C.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: Not available.

Personal protective equipment

Respiratory protection: Not applicable.

Hand protection: Protective gloves.

Eye protection: Protective goggles.

Skin and body protection: Appropriate protective clothing.

Hygiene measures: Do not eat, drink or smoke when handling this product. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown; Clear with brown precipitate; Liquid

Odor: None

Flash point: Not available

Solubility: precipitate solution

Density (water = 1): Not available.

Boiling point: Not available

Melting point: Not applicable

pH: Not available

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable.

Hazardous Decomposition Products: No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Skin Contact: No Data Available

Skin Absorption: No Data Available

Inhalation: No Data Available

Ingestion: No Data Available

Eye Contact: No Data Available

Acute Effects from Overexposure: No Data Available

Chronic Effects from Overexposure: No Data available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available

Mobility: Not available

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

SECTION 14 - TRANSPORT INFORMATION

Not regulated as hazardous for transportation.

SECTION 15 - REGULATORY INFORMATION

US Regulations:

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

Chemical Name	% by wt.
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Sodium Azide	<0.1%
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EU Regulations: This preparation does not meet the dangerous preparations classification criteria under 1999/45/EC. Not all components of this product are listed on EINECS.

Canadian Regulations: This product is not considered hazardous based on WHMIS criteria.

SECTION 16 - OTHER INFORMATION

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. BioDynami is not held liable for any damage resulting from handling or from contact with the above-mentioned products.

BioDynami

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