

## Material Safety Data Sheet

### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Cat.#
DNA Size Selection Kit (50-100 bp, Magnetic Beads)	20101
DNA Size Selection Kit (100-200 bp, Magnetic Beads)	20102
DNA Size Selection Kit (200-500 bp, Magnetic Beads)	20103
DNA Size Selection Kit (250-350 bp, Magnetic Beads)	20104
DNA Size Selection Kit (300-450 bp, Magnetic Beads)	20105
DNA Size Selection Kit (450-750 bp, Magnetic Beads)	20106
DNA Size Selection Kit (500-1000 bp, Magnetic Beads)	20107
DNA Size Selection Kit (1-3 kb, Magnetic Beads)	20108
DNA Size Selection Kit (1-5 kb, Magnetic Beads)	20109
DNA Size Selection Kit (>5 kb, Magnetic Beads)	20110
DNA Size Selection Kit (>10 kb, Magnetic Beads)	20111

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

**Company Identification:** BioDynami

601 Genome way, Huntsville AL 35806 USA

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
<b>Sodium Azide</b> 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.
---------------	----------

Sodium Azide	<0.1%
--------------	-------

**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. BioDynamis is not held liable for any damage resulting from handling or from contact with the above-mentioned products.

**BioDynamis**

Jul. 2024