

Material Safety Data Sheet

Date Created 3/13/2019

Version 1.1

Section 1- Product Information

Product Name MonoRab™ Anti-DYKDDDDK Magnetic Beads

Product Cat. No. L00835

Section 2- Composition / Information on Ingredients

Ingredient Name	MonoRab™ Anti-DYKDDDDK Magnetic Beads
CAS No.	No
SARA 313	No
Chemical Name	Sodium azide
CAS-No	26628-22-8
EINECS-No	247-852-1
Weight %	0.02%

Classification: Sodium azide <0.1%. Not hazardous at this concentration. The classification was made according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Section 3- Hazards Identification

HMIS Rating

Health	2
Flammability	0
Reactivity	0

NFPA Rating

Health	2
Flammability	0
Reactivity	0

For additional information on toxicity, please refer to Section 11.

Section 4- First Aid Measures

Oral Exposure	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation Exposure	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Dermal Exposure	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
Eye Exposure	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5- Fire Fighting Measures

Flash Point	Not available
Autoignition Temp	Not available
Flammability	Not available
Extinguishing Media	
Suitable	Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Fire Fighting	
Protective Equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)	Emits toxic fumes under fire conditions

Section 6- Accidental Release Measures

Procedure to Be Followed in Case of Leak or Spill	Evacuate area
Procedure(s) of Personal Precaution(s)	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves
Methods for Cleaning Up	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7- Handling and Storage

Handling	
User Exposure	Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
Storage	Storage at -20 °C.

Section 8- Exposure Controls/Personal Protection Equipment

Engineering Controls	Mechanical exhaust required
Personal Protective Equipment	
Respiratory	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator.
Other	Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.
General Hygiene Measures	Wash thoroughly after handling

Section 9- Physical and Chemical Properties

Appearance

	Physical State	Color
MonoRab™ Anti-DYKDDDDK		
Magnetic Beads	Slurry	Black
Property		
Molecular Weight	Not available	
pH	Not available	
BP/BP Range	Not available	
MP/MP Range	Not available	
Freezing Point	Not available	
Vapor Pressure	Not available	
Vapor Density	Not available	
Saturated Vapor Conc.	Not available	
SG/Density	Not available	
Bulk Density	Not available	
Odor Threshold	Not available	
Volatile%	Not available	
VOC Content	Not available	
Water Content	Not available	
Solvent Content	Not available	
Evaporation Rate	Not available	
Viscosity	Not available	
Surface Tension	Not available	
Partition Coefficient	Not available	
Decomposition Temp.	Not available	
Flash Point	Not available	
Explosion Limits	Not available	
Flammability	Not available	
Autoignition Temp	Not available	
Refractive Index	Not available	
Optical Rotation	Not available	
Miscellaneous Data	Not available	

Section 10- Stability and Reactivity

Stability

Stable	Stable
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Hazardous Decomposition Products

Hazardous Decomposition	Products Nature of decomposition products not known
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Section 11- Toxicological Information

Route of Exposure

Skin Contact	May cause skin irritation
Skin Absorption	May be harmful if absorbed through the skin

Inhalation	Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
Ingestion	May be harmful if swallowed
Conditions Aggravated by Exposure	The toxicological properties have not been thoroughly investigated.

Section 12- Ecological Information

Eco-toxicity

Toxicity of The Products of Biodegradation	The product itself and its products of degradation are not toxic.
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Section 13- Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14- Transport Information

DOT

Proper Shipping Name	None
Non-Hazardous for Transport	This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air	Transport Non-hazardous for air transport
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Section 15- Regulatory Information

United States Regulatory information

SARA Listed	No
Canada Regulatory Information	
WHMIS Classification	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL	No
NDSL	No

Section 16- Other Information

Disclaimer	For in vitro research use only.
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GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel, GenScript shall not be held liable for any damage resulting from the handling or from contact with the above product.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.