



Blood STASIS 21-DNA/RNA

Material Safety Data Sheet

According to Federal Register/ Vol. 77, No. 58/ Monday, March 26, 2012/ Rules and Regulations

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Version 1.0

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product Identifier

Product Name: Blood STASIS 21-DNA/RNA

Intended Use for the Product:

Use of the substance/mixture: Research Use Only

Name, Address, and Telephone of the Responsible Party

Magbio Genomics
944 Clopper Road
Gaithersburg, MD 20878
(301) 302-0144

Emergency telephone number

Emergency number:

In case of medical emergency, call 911. Contact your local Poison Control Center.

Section 2: Hazards Identification

Classification of the substance or mixture

OSHA Hazards

No known OSHA Hazards

GHS-US Classification

Not a dangerous substance according to GHS

Label Elements

GHS – US labeling

Hazard Pictograms (GHS-US)

n/a

Signal Word (GHS-US)

n/a

Hazard Statements (GHS-US)

n/a

Precautionary Statements (GHS-US)

n/a

HMIS Classification (Scale 0-4)

Health Hazard 0

Flammability 0

Physical Hazards 0

NFPA Rating (Scale 0-4)

Health Hazard 0

Fire 0

Reactivity Hazard 0

Unknown acute toxicity (GHS-US)

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Section 3: Composition/information on ingredients

Composition: Mixture of substances listed below with nonhazardous additions.

Name	Product Identifier	%	GHS-US classification
Proprietary Stabilization Buffer	n/a	100	n/a

Full text of H-phrases: see section 16

Section 4: First aid measures

Description of first aid measures

First Aid Measures General: Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures after Inhalation: If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

First Aid Measures after Skin Contact: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If pain or irritation occurs, obtain medical attention.

First Aid Measures after Eye Contact: If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occurs, obtain medical attention.

First Aid Measures after Ingestion: If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

Most Important Symptoms and Effects, both acute and delayed

Symptoms/Injuries after skin contact:

Symptoms/Injuries after inhalation:

Symptoms/Injuries after eye contact:

Symptoms/Injuries after ingestion:

Other Symptoms/ Injuries:

Indication of any medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

Section 5: Firefighting Measures

Extinguishing media

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire.

Unsuitable extinguishing media:

Special Hazards arising from the substance or mixture

Flammability: Not flammable or combustible

Hazardous Combustion Products: No combustion products posing significant hazards are expected from this product.

Reactivity:

Advice for Firefighters

Firefighting instructions:

Protection during firefighting: Self-contained breathing apparatus is recommended for firefighters in all chemical fire situations.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General Measures: Use good laboratory procedures, avoid eye and skin contact

Environmental Precautions

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Contain spill to prevent migration

Methods and material for containment and cleaning up

Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose of according to local regulations.

Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

Section 7: Handling and Storage

Precautions for safe handling

Use good laboratory procedures, avoid eye and skin contact.

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep away from incompatible materials. To maintain efficacy, store according to the instructions on product labeling.

Incompatible products:

Specific end use(s)

Section 8: Exposure controls/ personal protection

Exposure Controls

This product does not contain any substances with occupational exposure limit values.

Respiratory Protection

No special protective equipment required.

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 eye ware 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 laboratory coat.



Hygiene Measures

Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after using this product.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Clear
Odor	Odorless
Odor Threshold	No data available
pH	7-7.5
Relative evaporation rate	No data available
Melting Point	No data available
Freezing Point	No data available

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Boiling Point	No data available
Flash Point	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Flammability (Solid, Gas)	No data available
Vapor Pressure	No data available
Relative vapor density at 20°C	No data available
Relative Density	No data available
Density	No data available
Solubility	No data available
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Other Information	

Section 10: Stability and reactivity

Reactivity

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: n/a

Conditions to Avoid: n/a

Incompatible Materials: n/a

Hazardous Decomposition Products: When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.

Section 11: Toxicological Information

Information on Toxicological Effects

Acute Toxicity:

Oral LD50	No data available
Inhalation LC50	No data available
Dermal LD50	No data available
Other Information on Acute Toxicity	No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Irritation: No data available

Respiratory or Skin Sensation: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity:

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

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

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

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

Reproductive Toxicity: No data available

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Specific Target Organ Toxicity (Single Exposure) No data available
Specific Target Organ Toxicity (Repeated Exposure) No data available
Aspiration hazard: No data available
Potential Health Effects

Inhalation: n/a
Ingestion: n/a
Skin: n/a
Eyes: n/a

Signs/Symptoms of Exposure:

Section 12: Ecological Information

Toxicity: no data available
Persistence and Degradability: no data available
Bioaccumulative Potential: no data available
Mobility in Soil: no data available
Other Adverse Effects: No data available
Other Information

Section 13: Disposal Considerations

Product: Disposal should be in accordance with applicable regional, national and local laws and 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 (US): Not considered dangerous goods
IMDG: Not considered dangerous goods
IATA: Not considered dangerous goods

Section 15: Regulatory Information

OSHA Hazards: n/a
SARA 302 Components: No chemicals in this product are required to be reported according to SARA Title III, Section 302.
SARA 313 Components: This product does not contain any chemicals with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Components: Acute Health Hazard

Right to Know Components	Components	CAS-No.
Massachusetts	Water	7732-18-5
Pennsylvania	Water	7732-18-5
New Jersey	Water	7732-18-5

California Prop. 65 Components: This product does not contain any chemicals listed by the State of California's Proposition 65.

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Section 16: Other Information

GHS Full Text Phrases

n/a (Not applicable)

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