



# MagQuant Plus DNA Kit

Material Safety Data Sheet

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

Revision date: 05/09/2018

Issue Date: 05/09/2018

Version 1.0

## Section 1: Product Information

### Product Identifier

**Product Name:** MagQuant Plus DNA Kit

### 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: List of Components

- SWB Buffer
- NB Buffer
- MB Elution Buffer
- MB Wash Buffer
- MAG-L1 Particles

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

**Product Name:** SWB Buffer

**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**

Target Organ Effect, Toxic by Ingestion, Irritant

**Target Organs**

Bone Marrow, Nerves

**GHS-US Classification**

Acute Toxicity, Oral (Category 4)

Acute Toxicity, Inhalation (Category 3)

Skin Irritation (Category 2)

Eye Irritation (Category 2A)

**Label Elements****GHS – US labeling****Hazard Pictograms (GHS-US)****Signal Word (GHS-US)**

WARNING

**Hazard Statements (GHS-US)**

H302 Harmful if Swallowed

H315 Causes Skin Irritation

H319 Causes Serious Eye Irritation

H331 Toxic if Inhaled

**Precautionary Statements (GHS-US)**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

# SWB Buffer

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P311 Call a Poison Control Center or physician

### HMIS Classification (Scale 0-4)

Health Hazard 2  
Flammability 0  
Physical Hazards 0

### NFPA Rating (Scale 0-4)

Health Hazard 2  
Fire 0  
Reactivity Hazard 0

### Unknown acute toxicity (GHS-US)

## Section 3: Composition/information on ingredients

**Composition: Mixture of substances listed below with nonhazardous additions.**

Name	Product Identifier	%	GHS-US classification
Guanidine Hyrdochloride	(CAS No.) 50-01-1 (EC No.) 200-002-3 (Index No.) 607-148-00-0	25-50	Acute Tox. 4; Skin Irrit. 2; H302,H315,H319

Full text of H-phrases: see section 16

## Section 4: First aid measures

### Description of first aid measures

**First Aid Measures General:** Exit to a safe area. Consult a physician. Seek medical attention.

**First Aid Measures after Inhalation:** Move to fresh air. If not breathing, give artificial respiration. Seek medical attention

**First Aid Measures after Skin Contact:** Exit to safe area. Wash thoroughly with soap and water. Seek medical attention

**First Aid Measures after Eye Contact:** Flush eyes with clean water for a minimum of 15 minutes keeping eyes open. Seek medical attention

**First Aid Measures after Ingestion:** Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention

### Most Important Symptoms and Effects, both acute and delayed

**Symptoms/Injuries after skin contact:** Harmful if absorbed through skin. May cause skin irritation

**Symptoms/Injuries after inhalation:** Toxic if Inhaled. May cause respiratory tract irritation

**Symptoms/Injuries after eye contact:** May cause eye irritation

**Symptoms/Injuries after ingestion:** Harmful if swallowed

**Other Symptoms/ Injuries:** May cause nervous system disturbances in the case of an aggravated medical condition.

### 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:** Dry Powder, CO<sub>2</sub>, Water Spray, or Regular Foam

**Unsuitable extinguishing media:**

### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

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**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Hydrogen Chlorine Gas  
**Reactivity:**

### Advice for Firefighters

**Firefighting instructions:** Prevent fire-fighting water from entering surface water or ground water.

**Protection during firefighting:** Wear self-contained breathing apparatus, if necessary

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Wear respiratory protection. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. See Section 8: Exposure Controls/Personal Protection for further details.

### Environmental Precautions

Prevent further leakage if area is safe. Do not let product enter drains. Avoid discharge into the environment.

### Methods and material for containment and cleaning up

Use inert absorbent material to soak up spill. Dispose of as hazardous waste. Do not flush with water.

### Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

## Section 7: Handling and Storage

### Precautions for safe handling

Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes.

Avoid inhalation of vapor or mist.

### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Protect from moisture

**Incompatible products:** Strong oxidizing agents

### 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

In case of insufficient ventilation wear suitable respiratory equipment. Use respirators that have been approved by NIOSH.



### 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.

# SWB Buffer

## Safety Data Sheet

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

### Section 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

Physical State	Liquid
Color	Colorless
Odor	No data available
Odor Threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting Point	No data available
Freezing Point	No data available
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:** No data available

**Conditions to Avoid:** Heating

**Incompatible Materials:** Strong acids, strong oxidizing agents, organic materials

**Hazardous Decomposition Products:** Carbon oxides (COx), Nitrogen oxides (NOx), hydrogen chloride gas

### 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

# SWB Buffer

## Safety Data Sheet

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

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**Skin Corrosion/Irritation:** No data available

**Serious Eye Damage/Irritation:** No data available

**Respiratory or Skin Sensation:** Components of the product may be absorbed into the body through the skin. Irritating to skin and mucous membranes.

**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.

**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

**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:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** Toxic if swallowed

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Signs/Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 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:** Harmful to aquatic life

**Other Information**

## Section 13: Disposal Considerations

**Product:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

S29 - Do not empty into drains

S57 - Use appropriate container to avoid environmental contamination

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

# SWB Buffer

## Safety Data Sheet

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

### Section 15: Regulatory Information

**OSHA Hazards:** Target organ effect, Toxic by ingestion, Irritant

**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, Chronic Health Hazard

Right to Know Components	Components	CAS-No.
Massachusetts	No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania	Guanidine Hydrochloride Water	50-01-1 7732-18-5
New Jersey	Guanidine Hydrochloride Water	50-01-1 7732-18-5

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

### Section 16: Other Information

#### GHS Full Text Phrases

Acute Tox.	Acute Toxicity
Eye Irrit.	Eye Irritation
H302	Harmful if swallowed
H315	Causes Skin Irritation
H319	Causes Serious Eye Irritation
Skin Irrit.	Skin Irritation

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

**Product Name:** NB Buffer

**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**

Target Organ Effect, Toxic by Ingestion, Irritant

**Target Organs**

Bone Marrow, Nerves

**GHS-US Classification**

Acute Toxicity, Oral (Category 4)

Acute Toxicity, Inhalation (Category 3)

Skin Irritation (Category 2)

Eye Irritation (Category 2A)

**Label Elements****GHS – US labeling****Hazard Pictograms (GHS-US)****Signal Word (GHS-US)**

WARNING

**Hazard Statements (GHS-US)**

H302 Harmful if Swallowed

H315 Causes Skin Irritation

H319 Causes Serious Eye Irritation

H331 Toxic if Inhaled

**Precautionary Statements (GHS-US)**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray



# NB Buffer

## Safety Data Sheet

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P311 Call a Poison Control Center or physician

### HMIS Classification (Scale 0-4)

Health Hazard 2  
Flammability 0  
Physical Hazards 0

### NFPA Rating (Scale 0-4)

Health Hazard 2  
Fire 0  
Reactivity Hazard 0

### Unknown acute toxicity (GHS-US)

## Section 3: Composition/information on ingredients

**Composition: Mixture of substances listed below with nonhazardous additions.**

Name	Product Identifier	%	GHS-US classification
Guanidine Hydrochloride	(CAS No.) 50-01-1 (EC No.) 200-002-3 (Index No.) 607-148-00-0	25-50	Acute Tox. 4; Skin Irrit. 2; H302,H315,H319

Full text of H-phrases: see section 16

## Section 4: First aid measures

### Description of first aid measures

**First Aid Measures General:** Exit to a safe area. Consult a physician. Seek medical attention.

**First Aid Measures after Inhalation:** Move to fresh air. If not breathing, give artificial respiration. Seek medical attention

**First Aid Measures after Skin Contact:** Exit to safe area. Wash thoroughly with soap and water. Seek medical attention

**First Aid Measures after Eye Contact:** Flush eyes with clean water for a minimum of 15 minutes keeping eyes open. Seek medical attention

**First Aid Measures after Ingestion:** Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention

### Most Important Symptoms and Effects, both acute and delayed

**Symptoms/Injuries after skin contact:** Harmful if absorbed through skin. May cause skin irritation

**Symptoms/Injuries after inhalation:** Toxic if Inhaled. May cause respiratory tract irritation

**Symptoms/Injuries after eye contact:** May cause eye irritation

**Symptoms/Injuries after ingestion:** Harmful if swallowed

**Other Symptoms/ Injuries:** May cause nervous system disturbances in the case of an aggravated medical condition.

### 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:** Dry Powder, CO<sub>2</sub>, Water Spray, or Regular Foam

**Unsuitable extinguishing media:**

### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

# NB Buffer

## Safety Data Sheet

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

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Hydrogen Chlorine Gas  
**Reactivity:**

### Advice for Firefighters

**Firefighting instructions:** Prevent fire-fighting water from entering surface water or ground water.

**Protection during firefighting:** Wear self-contained breathing apparatus, if necessary

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Wear respiratory protection. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. See Section 8: Exposure Controls/Personal Protection for further details.

### Environmental Precautions

Prevent further leakage if area is safe. Do not let product enter drains. Avoid discharge into the environment.

### Methods and material for containment and cleaning up

Use inert absorbent material to soak up spill. Dispose of as hazardous waste. Do not flush with water.

### Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

## Section 7: Handling and Storage

### Precautions for safe handling

Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes.

Avoid inhalation of vapor or mist.

### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Protect from moisture

**Incompatible products:** Strong oxidizing agents

### 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

In case of insufficient ventilation wear suitable respiratory equipment. Use respirators that have been approved by NIOSH.



### 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.

# NB Buffer

## Safety Data Sheet

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

### Section 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

Physical State	Liquid
Color	Colorless
Odor	No data available
Odor Threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting Point	No data available
Freezing Point	No data available
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:** No data available

**Conditions to Avoid:** Heating

**Incompatible Materials:** Strong acids, strong oxidizing agents, organic materials

**Hazardous Decomposition Products:** Carbon oxides (COx), Nitrogen oxides (NOx), hydrogen chloride gas

### 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

# NB Buffer

## Safety Data Sheet

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

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**Skin Corrosion/Irritation:** No data available

**Serious Eye Damage/Irritation:** No data available

**Respiratory or Skin Sensation:** Components of the product may be absorbed into the body through the skin. Irritating to skin and mucous membranes.

**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.

**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

**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:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** Toxic if swallowed

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Signs/Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 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:** Harmful to aquatic life

**Other Information**

## Section 13: Disposal Considerations

**Product:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

S29 - Do not empty into drains

S57 - Use appropriate container to avoid environmental contamination

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

# NB Buffer

## Safety Data Sheet

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

### Section 15: Regulatory Information

**OSHA Hazards:** Target organ effect, Toxic by ingestion, Irritant

**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, Chronic Health Hazard

Right to Know Components	Components	CAS-No.
Massachusetts	No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania	Guanidine Hydrochloride Water	50-01-1 7732-18-5
New Jersey	Guanidine Hydrochloride Water	50-01-1 7732-18-5

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

### Section 16: Other Information

#### GHS Full Text Phrases

Acute Tox.	Acute Toxicity
Eye Irrit.	Eye Irritation
H302	Harmful if swallowed
H315	Causes Skin Irritation
H319	Causes Serious Eye Irritation
Skin Irrit.	Skin Irritation

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# MB Elution Buffer

Material Safety Data Sheet

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

Revision date: 06/08/2015

Issue Date: 10/01/2012

Version 2.0

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

### Product Identifier

Product Name: MB Elution Buffer

### 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)

# MB Elution Buffer

## Safety Data Sheet

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

### Section 3: Composition/information on ingredients

**Composition: Mixture of substances listed below with nonhazardous additions.**

Name	Product Identifier	%	GHS-US classification
n/a	n/a	n/a	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 not breathing, give artificial respiration

**First Aid Measures after Skin Contact:** Wash with soap and water

**First Aid Measures after Eye Contact:** Remove contact lenses if present and easy to do. Continue rinsing

**First Aid Measures after Ingestion:** n/a

#### Most Important Symptoms and Effects, both acute and delayed

**Symptoms/Injuries:**

**Symptoms/Injuries after inhalation:** May cause respiratory tract irritation

**Symptoms/Injuries after eye contact:**

**Symptoms/Injuries after ingestion:** May be harmful if swallowed

#### 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:** Dry powder, CO<sub>2</sub>, water spray, or alcohol-resistant foam

**Unsuitable extinguishing media:**

#### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

**Hazardous Combustion Products:** n/a

**Reactivity:**

#### Advice for Firefighters

**Firefighting instructions:** Prevent fire-fighting water from entering surface water or groundwater

**Protection during firefighting:** Wear self-contained breathing apparatus, if necessary

### Section 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**General Measures:**

#### Environmental Precautions:

#### Methods and material for containment and cleaning up:

#### Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

# MB Elution Buffer

## Safety Data Sheet

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

### Section 7: Handling and Storage

#### Precautions for safe handling

Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes. Avoid inhalation of vapor or mist.




#### Conditions for safe storage, including any incompatibilities

**Storage conditions:** No special storage conditions required

**Incompatible products:** n/a

#### Specific end use(s)

### Section 8: Exposure controls/ personal protection

<b>Exposure Controls</b>	This product does not contain any substances with occupational exposure limit values.	
<b>Respiratory Protection</b>	No special protective equipment required	
<b>Hand Protection</b>	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.	
<b>Eye Protection</b>	Use a face shield and/or safety goggles when handling this product. Use eye ware that has been approved by NIOSH.	
<b>Skin and Body Protection</b>	Wear appropriate laboratory attire when handling this product such as gloves, long pants, closed-toe shoes, and laboratory coat.	
<b>Hygiene Measures</b>	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

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	8.0-9.0
<b>Relative evaporation rate</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available



# MB Elution Buffer

## Safety Data Sheet

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

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:** n/a

### 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

**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:**

# MB Elution Buffer

## Safety Data Sheet

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

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

### 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:** No data available

### 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	7732-1-5
Pennsylvania	Water	7732-1-5
New Jersey	Water	7732-1-5

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

# MB Elution Buffer

## Safety Data Sheet

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

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### Section 16: Other Information

**GHS Full Text Phrases:** n/a

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

**Product Name:** MB Wash Buffer

**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**

Target Organ Effect, Toxic by Ingestion, Irritant

**GHS-US Classification**

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 3)

Skin irritation (Category 2)

Eye irritation (Category 2A)

**Label Elements****GHS – US labeling****Hazard Pictograms (GHS-US)****Signal Word (GHS-US)**

WARNING

**Hazard Statements (GHS-US)**

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H331 Toxic if inhaled

**Precautionary Statements (GHS-US)**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P311 Call a POISON CENTER or doctor/physician

# MB Wash Buffer

## Safety Data Sheet

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

### HMIS Classification (Scale 0-4)

Health Hazard 2  
Flammability 0  
Physical Hazards 0

### NFPA Rating (Scale 0-4)

Health Hazard 2  
Fire 0  
Reactivity Hazard 0

Unknown acute toxicity (GHS-US)

## Section 3: Composition/information on ingredients

Composition: Mixture of substances listed below with nonhazardous additions.

Name	Product Identifier	%	GHS-US classification
Guanidine Hydrochloride	(CAS No.) 50-01-1 (EC No.) 200-002-3 (Index No.) 607-148-00-0	50-100	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; H302, H315, H319

Full text of H-phrases: see section 16

## Section 4: First aid measures

### Description of first aid measures

**First Aid Measures General:** Exit to a safe area. Consult a physician. Seek medical attention.

**First Aid Measures after Inhalation:** Move to fresh air. If not breathing, give artificial respiration. Seek medical attention

**First Aid Measures after Skin Contact:** Exit to safe area. Wash thoroughly with soap and water. Seek medical attention

**First Aid Measures after Eye Contact:** Flush eyes with clean water for a minimum of 15 minutes keeping eyes open. Seek medical attention

**First Aid Measures after Ingestion:** Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention

### Most Important Symptoms and Effects, both acute and delayed

**Symptoms/Injuries after skin contact:** Harmful if absorbed through skin. May cause skin irritation

**Symptoms/Injuries after inhalation:** Toxic if Inhaled. May cause respiratory tract irritation

**Symptoms/Injuries after eye contact:** Causes eye irritation

**Symptoms/Injuries after ingestion:** Harmful if swallowed

**Other Symptoms/ Injuries:** May cause nervous system disturbances in the case of an aggravated medical condition.

### 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:** Dry Powder, CO<sub>2</sub>, Water Spray, or Regular Foam

**Unsuitable extinguishing media:**

### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Hydrogen Chloride gas

**Reactivity:**

### Advice for Firefighters

**Firefighting instructions:** Prevent fire-fighting water from entering surface water or ground water.

**Protection during firefighting:** Wear self-contained breathing apparatus, if necessary

# MB Wash Buffer

## Safety Data Sheet

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

### Section 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**General Measures:** Wear respiratory protection. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. See Section 8: Exposure Controls/Personal Protection for further details.

#### Environmental Precautions

Prevent further leakage if area is safe. Do not let product enter drains. Avoid discharge into the environment.

#### Methods and material for containment and cleaning up

Use inert absorbent material to soak up spill. Dispose of as hazardous waste. Do not flush with water.

#### Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

### Section 7: Handling and Storage

#### Precautions for safe handling

Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes. Avoid inhalation of vapor or mist.

#### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Protect from moisture

**Incompatible products:** Strong oxidizing agents

#### 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

In case of insufficient ventilation wear suitable respiratory equipment. Use respirators that have been approved by NIOSH.



#### 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.

# MB Wash Buffer

## Safety Data Sheet

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

### Section 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

Physical State	Liquid
Color	Colorless
Odor	No data available
Odor Threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting Point	No data available
Freezing Point	No data available
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:** No data available

**Conditions to Avoid:** Heating

**Incompatible Materials:** Strong acids, strong oxidizing agents, organic materials

**Hazardous Decomposition Products:** Carbon oxides (COx), Nitrogen oxides (NOx), hydrogen chloride gas

### 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

# MB Wash Buffer

## Safety Data Sheet

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

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Other Information on Acute Toxicity	No data available
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**Skin Corrosion/Irritation:** No data available

**Serious Eye Damage/Irritation:** No data available

**Respiratory or Skin Sensation:** Components of the product may be absorbed into the body through the skin. Irritating to skin and mucous membranes.

**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.

**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

**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:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** Toxic if swallowed

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Signs/Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 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:** Harmful to aquatic life

**Other Information**

## Section 13: Disposal Considerations

**Product:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

S29 - Do not empty into drains

S57 - Use appropriate container to avoid environmental contamination

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.



# MB Wash Buffer

## Safety Data Sheet

According to Federal Register/ Vol. 77, No. 58/ Monday, March 26, 2012/ Rules and 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:** Target Organ Effect, Toxic by ingestion, Irritant

**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, Chronic Health Hazard

Right to Know Components	Components	CAS-No.
Massachusetts	No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania	Guanidine Hydrochloride Water	50-01-1 7732-18-5
New Jersey	Guanidine Hydrochloride Water	50-01-1 7732-18-5

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

### Section 16: Other Information

#### GHS Full Text Phrases

Acute Tox.	Acute Toxicity
Eye Irrit	Eye Irritation
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
Skin Irrit.	Causes serious eye irritation

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# MAG-L1 Particles

Material Safety Data Sheet

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

Revision date: 06/08/2015

Issue Date: 10/01/2012

Version 2.0

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

### Product Identifier

Product Name: MAG-L1 Particles

### 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)

# MAG-L1 Particles

## Safety Data Sheet

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

### Section 3: Composition/information on ingredients

**Composition: Mixture of substances listed below with nonhazardous additions.**

Name	Product Identifier	%	GHS-US classification
n/a	n/a	n/a	n/a

Full text of H-phrases: see section 16

### Section 4: First aid measures

#### Description of first aid measures

**First Aid Measures General:**

**First Aid Measures after Inhalation:** If not breathing give artificial respiration

**First Aid Measures after Skin Contact:** n/a

**First Aid Measures after Eye Contact:**

**First Aid Measures after Ingestion:** n/a

#### Most Important Symptoms and Effects, both acute and delayed

**Symptoms/Injuries:**

**Symptoms/Injuries after inhalation:** May cause respiratory tract irritation

**Symptoms/Injuries after eye contact:**

**Symptoms/Injuries after ingestion:** May be harmful if swallowed

#### 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:**

**Unsuitable extinguishing media:**

#### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

**Hazardous Combustion Products:** Sodium oxides

**Reactivity:**

#### Advice for Firefighters

**Firefighting instructions:** Prevent fire-fighting water from entering surface water or groundwater

**Protection during firefighting:** Wear self-contained breathing apparatus, if necessary

### Section 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**General Measures:**

#### Environmental Precautions

#### Methods and material for containment and cleaning up

Use inert absorbent material to soak up spill.

#### Reference to other sections

See heading 8, Exposure Controls and Personnel Protection

# MAG-L1 Particles

## Safety Data Sheet

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

### Section 7: Handling and Storage

#### Precautions for safe handling

Handle in accordance with good chemical hygiene and safety practices. Protect from moisture. Avoid contact with eyes. Avoid inhalation of vapor or mist.

#### Conditions for safe storage, including any incompatibilities

**Storage conditions:** No special storage conditions required

**Incompatible products:** n/a

#### 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

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	6.0-8.0
<b>Relative evaporation rate</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available

# MAG-L1 Particles

## Safety Data Sheet

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

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:** n/a

### 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

**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

# MAG-L1 Particles

## Safety Data Sheet

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

**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:** No data available

### 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 in the State of California's Proposition 65.

# MAG-L1 Particles

## Safety Data Sheet

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

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### Section 16: Other Information

**GHS Full Text Phrases:** n/a

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