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<b>Product Information</b>	<b>Revision Date: 08-19-2018</b>	<b>Version: 2.0</b>
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**Product Name:**Auto-Mag<sup>®</sup> RNA-Pure**Intended Use for the Product:**

Use of the substance/mixture: Research Use Only

**Name, Address, and Telephone of the Responsible Party**

AMD Biotech Inc.  
1860 Montreal Rd.  
Tucker, GA 30084  
USA.  
Telephone 404-290-5063  
Email [Support@amdbiotech.com](mailto:Support@amdbiotech.com)

**Emergency telephone number**

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

<b>List of Components</b>
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- Auto-Mag<sup>®</sup> RNA-Pure

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<b>Auto-Mag<sup>®</sup> RNA-Pure</b>	Revision Date 08-19-2018	Version 2.0
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## 1. IDENTIFICATION OF PRODUCT AND COMPANY

### Identification of the substance or mixture

Product Name: Auto-Mag<sup>®</sup> RNA-Pure  
Product Family: DNA/RNA purification  
Recommended Use: For laboratory research purposes only

### Manufacturer/Supplier

AMD Biotech Inc.  
1860 Montreal Rd.  
Tucker, GA 30084  
USA.  
Telephone 404-290-5063  
Email [Support@amdbiotech.com](mailto:Support@amdbiotech.com)

### Emergency Telephone

If Medical Emergency, Call 911  
Contact your local Poison Control Center.

## 2. HAZAEDS IDENTIFICATION

### GHS Classification

Not a dangerous substance according GHS

### GHS Symbol Elements

n/a

### Signal word

n/a

### Hazard statement(s)

No data available

### Precautionary statement(s)

No data available

### Other hazards

No data available

### HMIS Classification (0-4)

Health hazard: 0

Flammability: 0

Physical hazards: 0

### NFPA Rating (0-4)

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

### Potential Health Effects

No data available

## 3. COMPOSITION/IFORMATION ON INGREDIENTS

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Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS No.	Concentration	Other Identifiers
n/a	n/a	n/a	n/a

#### 4. FIRST-AID MEASURES

##### General Advice

Exit to a safe area. Consult a physician. Seek medical attention.

##### If Inhalation

Move to fresh air. If not breathing, give artificial respiration. Consult a physician

##### In Case of Skin Contact

Exit to safe area. Wash thoroughly with soap and water. Seek medical attention.

##### In Case of Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

##### If swallowed

Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

##### Conditions of flammability

Not flammable or combustible

##### Suitable Extinguishing Media

Dry powder, CO<sub>2</sub>, water spray, or regular foam.

##### Special Protective Equipment and Precautions for Fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

##### Hazardous combustion products

No data available

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

##### Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

##### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### 7. HANDLING AND STORAGE

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**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**

Keep away from incompatible materials. To maintain efficacy, store according to the instruction on product labeling.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control Parameters**

Contains no substances with occupational exposure limit values.

**Individual Protection****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/Face Protection:**

Use a face shield and/or safety goggles when handling this product. Use eye ware that has been approved by NIOSH.

**Skin Protection:**

Wear appropriate laboratory attire when handling this product such as gloves, long pants, closed-toe shoes, and laboratory coat

**Respiratory Protection:**

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

**Hygiene Measures**

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

**9. PHYSICAL AND CHEMICAL PROTECTION****Basic Physical and Chemical Properties**

Appearance	liquid.
Odor	Odorless
Color	Clear, with Brown precipitate
PH	5-8
Melting Point/Freezing Point	Not available (melting); not available (freezing)
Initial Boiling Point/Range	Not available
Evaporation Rate	Not available
Flash Point	Not available
Flammability (solid, gas)	Not available (liquid).
Upper/Lower Explosive Limit	Not available (upper); Not available (lower)
Vapor Pressure	Not available
Vapor Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Not available in water
Partition Coefficient,	Not available
Auto-ignition Temperature	Not available

Decomposition Temperature Not available  
Viscosity Not available (kinematic) Not available (dynamic)

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

No data available

### Conditions to Avoid

No data available

### Incompatible Materials

No data available

### Hazardous Decomposition Products

No data available

## 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

### Acute Toxicity

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

No information was located.

### Serious Eye Damage/Eye Irritation Eyes

No information was located.

### Respiratory or Skin Sensitization

Components of the product may be absorbed into the body through the skin. Irritating to skin and mucous membranes.

### Germ Cell Mutagenicity

No information was located.

### STOT (Specific Target Organ Toxicity) – Single Exposure

Inhalation: No information was located.

Skin Absorption: No information was located.

Ingestion: No information was located.

### Aspiration Hazard

No information was located.

### Carcinogenicity

IARC: No component of this product 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 present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive Toxicity**

No information was located.

**Sexual Function and Fertility.**

No information was located.

**Interactive Effects**

No information was located.

**Synergistic Effects**

No information was located.

**Potential Health Effects**

No information was located

**Additional Information**

No information was located.

**12. ECOLOGICAL INFORMATION**

**Toxicity**

No data available

**Persistence and Degradability**

No data available

**Bio-accumulative Potential**

No data available

**Mobility in Soil**

No data available

**Other Adverse Effects**

No data available

**Other Adverse Effects**

No data available

**13. DISPOSAL CONSIDERATIONS**

**Product**

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

**Contaminated Packaging**

Disposal must be made according to official regulations.

**14. TRANSPORT INFORMATION**

**DOT (US)**

Not considered dangerous goods.

**IMDG**

Not considered dangerous goods.

**IATA**

Not considered dangerous goods.

**15. REGULATORY INFORMATION****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 Hazards**

Acute Health Hazard

**Massachusetts Right to Know Components**

Water CAS-No 7732-18-5

**Pennsylvania Right to Know Components**

Water CAS-No 7732-18-5

**New Jersey Right to Know Components**

Water CAS-No 7732-18-5

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. OTHER INFORMATION****Further Information**

AMD Biotech Inc. does not make any representations, guaranties or warranties as to the accuracy of the information provided and is intended only to describe the product for the purposes of health, safety and environmental requirement. It is expressly understood and agreed that AMD Biotech Inc. shall in no way be deemed or held to be obligated, liable, or accountable upon or under any guaranties or warranties, express or implied, statutory, by operation of law, or otherwise, in any manner or form, including any implied warranty of merchantability or fitness for a particular purpose, that in any way relates to or arises out of the information provided in this Safety Data Sheet.