

Product Information	Revision Date: 06-18-2021	Version: 1.0
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Product Name:

Auto-Mag® DTR

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

Emergency telephone number

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

List of Components

Auto-Mag® DTR

SECTION 1. IDENTIFICATION OF SUBSTANCE MIXTURE, COMPANY, AND UNDERTAKING**Identification of the substance or mixture**

Product Name: Auto-Mag® DTR
 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

Emergency Telephone

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

SECTION 2. HAZAEDS IDENTIFICATION

GHS Classification	Not a dangerous substance according to 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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS No.	Concentration	Other Identifiers
Iron Oxide/Magnetite	1317-61-9	n/a	n/a

SECTION 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.

SECTION 5. FIRE-FIGHTING MEASURES

Conditions of flammability Not flammable or combustible

Suitable Extinguishing Media

Dry powder, CO₂, 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

SECTION 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 inert absorbent material and dispose of it 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.

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

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

SECTION 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 your hands thoroughly after using this product.

SECTION 9. PHYSCAIL AND CHIMECAL PROTECTION**Basic Physical and Chemical Properties**

Appearance	liquid.
Odor	Odorless
Color	Clear, with brown precipitate
PH	6-8
Melting Point/Freezing Point	Not available
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)

SECTION 10. STABLITY 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

SECTION 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.
 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

Inhalation: Toxic if inhaled. May cause respiratory irritation.
 Ingestion; Harmful if swallowed.
 Skin: Harmful if absorbed through skin. May cause skin irritation.
 Eyes: May cause eye irritation.

Additional Information No information was located.

SECTION 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
 Harmful to aquatic life.

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

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

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

n/a

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