Safety Data Sheet

MANUFACTURER

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General Information

Trade Name: AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific
Part No. Covered by this SDS: CM86178

Product Content

One microcentrifuge tube containing 100 ug of AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific..

Handling and Storage for Hazardous Chemicals

Handling for **AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific**: See attached supplemental information.

Transportation

DOT (US): Not dangerous goods
IATA: Not dangerous goods
IMDG: Not dangerous goods

Supplemental information starts from next page.

AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific

SECTION 1. Identification of the substance/mixtures and of the company/undertaking

1.1 Product identifiers

Product Name: AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific
Product No.: CM86178

1.2 Detail of the supplier of the safety data sheet

Company: CellMosaic, Inc. 10A Roessler Road, Woburn, MA 01801, Phone: +1 781-463-0002

SECTION 2. Hazards Identification

2.1. Classification of the substance or mixture

No pictogram necessary

Eye Irritation Mildly irritating to eyes (Category 2B)

2.2. GHS label elements, including precautionary statements.

Signal Word: None
Hazard Statements: None
Precautionary Statements:
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P281 – Use personal protective equipment as required.
P264 – Wash hands thoroughly after handling.
P305 + P351 + P338 IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3. Composition and Information on Ingredients

Product Name: AqT® Biotin F(ab')$_2$ Fragment Goat Anti-Human IgG, Fcγ Fragment Specific

Ingredient	MW & Formula	CAS No.	Percent
Biotin antibody	~ 113 kDa N/A		40-60%
Phosphate Buffer Saline	N/A	N/A	40-60%

SECTION 4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: If swallowed, DO NOT INDUCE VOMITING without medical advice. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

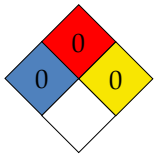
SECTION 5. Fire Fighting Measures

5.1. Flammability

Products of Combustion: Carbon oxides.
Specific Fire Hazards: As in any fire, always wear self-contained breathing apparatus in pressure-demand (MSA/NIOSH approved or equivalent), and full protective gear. Use water spray to keep fire exposed containers cool. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.
Specific Explosion Hazards: Will not explode.
Fire Fighting Media: Use water spray, or appropriate foam.

5.2. NFPA

Health Rating: 0
Flammability Rating: 0
Reactivity: 0
Specific Hazard: N/A



SECTION 6. Accidental Release Measures

Wear appropriate personal protective equipment. Isolate hazard area. Do not flush to sewer. Sweep up and shovel into suitable, closed containers for disposal.

SECTION 7. Handling and Storage

Handling: Use personal protective equipment as required.
Storage: Recommended storage of the product is below -20 °C under dark conditions. Keep container tightly closed.

SECTION 8. Exposure Controls/Personal Protection

Components with workplace control parameters: Contains no substances with occupational exposure limit values.
Appropriate engineering controls: General industrial hygiene practice
Skin Protection: Wear impervious protective clothing, including gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION 9. Physical and Chemical Properties

Appearance: Buffer solution.
Odor: None.
Solubility: Soluble in water.
Specific Gravity: 1.0.
pH: 7.4.
Melting Point: No information available.
Boiling Point: No information available.
Vapor Density (Air=1): No information available.
Vapor Pressure (mm Hg): No information available.
Evaporation Rate (BuAc=1): No information available.

SECTION 10. Stability and Reactivity

Stability: Stable under recommended storage condition.
Hazardous Decomposition Products: No hazardous decomposition product.
Incompatibilities: Strong oxidizers.
Conditions to Avoid: Strong acids and strong bases.

SECTION 11. Toxicological Information

Oral LD50: No data available.
Chronic Effects on Humans: No data available.
Other Toxic Effects on Humans: No data available.
Special Remarks on Toxicity to Animals: No data available.
Special Remarks on Chronic Effects on Humans: No data available.
Special Remarks on other Toxic Effects on Humans: No data available.

SECTION 12. Ecological Information

Environmental Fate: No information available
Environmental Toxicity: No information available

SECTION 13. Disposal Considerations

Dispose of containers and unused contents in accordance with federal, state and local requirements.

SECTION 14. Transport Information

DOT (US): Not dangerous goods
IATA: Not dangerous goods
IMDG: Not dangerous goods

SECTION 15. Regulatory Information

OSHA Hazards: No known OSHA hazards
SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards: No SARA hazards.
Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components: No components are subject to the Pennsylvania Right to Know Act.
New Jersey Right To Know Components: No components are subject to the New Jersey Right to Know Act.
California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16. Other Information

References: This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and WHMIS Controlled Products Regulation, Chemical Abstract databases, Superfund Amendments and Reauthorization Act (SARA) and other similar compound's SDS.
Other Special Considerations: Not available

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Product Use: Laboratory Reagent

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Prepared by: CellMosaic, Inc. Health and Safety