

# Material Safety Data Sheet

## Microalbumin (MAU) Immuno Turbidimetry

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Microalbumin (MAU) Immuno Turbidimetry

**Catalog Numbers:** 600 001

**Use:** In vitro diagnostic reagents for the quantitative determination of Microalbumin (MAU) in urine by means of particle-enhanced turbidimetric immunoassay in clinical chemistry analyzers.

#### **Contact Point**

##### Egypt

Egyptian Company for Biotechnology (S.A.E.)

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### 2. HAZARD IDENTIFICATION

Not classified as hazardous according to the EU criteria

**Hazard Classification:** NON-HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

**Hazard Category:** None allocated.

**RISK PHRASES:** None allocated.

**SAFETY PHRASES:** None allocated.

**Poison Schedule:** None allocated.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE NAME**

**Proportion**

**CAS Number**

All ingredients determined not to be hazardous according to the EU criteria.

#### 4.FIRST AID MEASURES

**Swallowed:**

If product is swallowed, wash out mouth with water and call physician or poison control centre for most current information. Never induce vomiting or give liquids to someone who is unconscious or cannot swallow.

**Eye:**

If product is splashed in eyes, wash under gently running water for 15 minutes or longer, making sure that the eyelids are held open. Obtain medical attention.

**Skin:**

In case of skin contact, flush with copious amount of water for at least 15 minutes. Then gently skin with soap and water; rinse well. If product contacted broken skin, soak the wound area with a 1:10 dilution of fresh household bleach for 10 minutes. Rinse with water to remove residual bleach. (Remove contaminated clothing and disinfect with a 1:10 dilution of fresh household bleach). Obtain medical attention.

**Inhaled:**

If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

#### 5.FIRE-FIGHTING MEASURES

**Flash Point:** Not applicable.

**Flammable limits:** Not applicable.

**Extinguishing Media:** Use extinguishing media for surrounding fire.

**Special Fire and Explosion Hazards:** None identified.

**Hazardous Combustion Products:**

No combustion products posing significant hazards are expected from this product (a dilute aqueous solution).

**Protective Equipment for fire-fighters:**

Self-contained breathing apparatus is recommended for fire fighters in all chemical fire situations.

#### 6.ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use universal precautions during clean up procedures.

**Spill and Leak procedures:**

As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.

**Environmental Precautions:**

Contain spill to prevent migration.

**7.HANDLING AND STORAGE**

**Handling Precautions**

This product should be handled as though capable of transmitting infectious diseases. Universal precautions should be followed when using this product.

**Recommended Storage Conditions**

Refrigerate (2 – 8 °C)

**8.EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:** None established.

**Engineering Controls:**

No special engineering controls are required. Use with good general ventilation.

**Respiratory Protection:**

Under normal conditions, the use of this product should not require respiratory protection. If aerosols are generated during use, a qualified professional should evaluate the use of respiratory protection.

**Eye Protection:**

Safety glasses are recommended to prevent eye contact.

**Skin Protection:**

Impervious gloves, such as latex, should be worn to prevent skin contact.

**9.PHYSICAL AND CHEMICAL PROPERTIES**

	<b>Latex Reagent</b>	<b>Buffer</b>	<b>Calibrator</b>	<b>Control</b>
<b>Physical state</b>	Suspension	Liquid	Liquid	Liquid
<b>Colour</b>	White	Slightly Yellow	Slightly Yellow	Slightly Yellow
<b>Odour</b>	Odourless	Odourless	Odourless	Odourless
<b>Boiling Point</b>	Not Available	Not Available	Not Available	Not Available
<b>Melting Point</b>	Not Available	Not Available	Not Available	Not Available
<b>Specific Gravity</b>	Not Available	Not Available	Not Available	Not Available
<b>Vapour Pressure</b>	Not Available	Not Available	Not Available	Not Available
<b>Vapour Density</b>	Not Available	Not Available	Not Available	Not Available
<b>Evaporation rate</b>	Not Available	Not Available	Not Available	Not Available
<b>Solubility in water</b>	Matrix is miscible	Matrix is miscible	Solvable	Solvable
<b>Organic</b>	Not Available	Not Available	Not Available	Not Available

**Other properties**

<b>pH</b>	Not Available	8.5	Not applicable	Not applicable
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## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

When stored as labelled, no known hazardous decomposition products are formed during the self-life of this product.

**INCOMPATIBILITIES:**

Sodium azide forms explosive compounds with heavy metals. Repeated contact of low concentrations of azide with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.

## 11. TOXICOLOGICAL INFORMATION

**Toxicity Data for Hazardous Ingredients:** Not applicable.

**Primary Route of Exposure:**

Common routes of entry include inhalation, ingestion and eye/skin contact. Specific paths of concern for potentially infectious materials are skin puncture, contact with broken skin, contact with mucous membranes and inhalation of aerosolized material.

**Potential Effects of Acute Exposure:**

This product contains materials of animal origin and should be considered potentially infectious. No other health hazards were identified from a review of available literature.

**Potential Effects of Chronic Exposure:**

Effects are similar to those for acute exposure.

**Symptoms of Overexposure:**

No specific symptoms identified.

**Other Effects:** None Identified.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information for product.

**Mobility:** No information for product.

**Persistence / Degradability:** No information for product.

**Chemical Fate Information:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor.

## 14. TRANSPORT INFORMATION

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Subsidiary risk:** None allocated

**Packing Group:** None allocated

### **Road and Rail Transport:**

Not classified as a Dangerous Good according to the United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labeling of Chemicals.

### **Air Transport:**

Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### **Marine Transport:**

Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

## 15. OTHER INFORMATION

### **Principal References**

Information supplied by manufacturer, reference sources including the public domain.

### **Disclaimer**

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions which are available on request.

**END OF MSDS**