ARENA BioScien

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

- Product Name: Micro Albumin

1.2 Relevant identified uses of the substance or mixture and uses advised against

Diagnostic reagent for the in-vitro quantitative determination of Micro albumin (MAU) in urine by means of particle-enhanced turbidimetric immunoassay.

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: Arena BioScien, SEA
- Address of Manufacturer: Block 5, Street 9 Ismailia free zone. Ismailia- Egypt
- Telephone: +202 21813500/ +201113102057
- Email: admin@arenabioscientific.com

SECTION 2 Hazards identification

ROUTE OF ENTRY/EXPOSURE
SKIN CONTACT: [x]
EYE CONTACT: [x]
INHALATION: [x]
INGESTION: [x]
SKIN ABSORPTION [x]
Effects of acute exposure:
SKIN CONTACT: May cause irritation.
EYE CONTACT: May cause irritation.
INGESTION: May be harmful if ingested.
INHALATION: May cause irritation to mucous membranes and upper respiratory tract.
Effects of chronic exposure: No data available.
SENSITIZATION TO PRODUCT: Not Available
SYNERGISTIC PRODUCTS: Not Available
LD50: MOPSO: Not Available

SECTION 3 Composition/information on ingredients

Contains Sodium Azide 0.09% (CAS # 26628-22-8)
POISON DO NOT INGEST

SECTION 4 First aid measures

SKIN: In case of contact, immediately flush area with plenty of water.
EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.
ORAL: If ingested drink plenty of fluids and contact a physician.
INHALATION: If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen, and call physician.

SECTION 5 Fire-fighting measures

Flammable: NO
Extinguishing media: As appropriate for fire in surrounding materials.
Flash point: Not Applicable
Upper flammable limit: Not Applicable
Lower flammable limit: Not Applicable
Autoignition temperature: Not Applicable
Hazardous combustion products: No data
Explosion data Sensitivity to mechanical impact: Not Applicable
Sensitivity to static discharge: Not Applicable

Unusual fire and explosion hazards: No Data

SECTION 6 Accidental release measures

Local exhaust: Not Required
Protective clothing: Lab Coat
Protective gloves: Rubber/Latex
Eye protection: Safety glasses
Other precautions: Avoid contact and inhalation, do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse.
Respiratory protection: None normally required. Leak and spill procedure: Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water.

SECTION 7 Handling and storage

Handling: Normal precautions for handling chemicals must be observed.
Storage: Store between +2°C and +8°C Shipping regulations: Not regulated

SECTION 8 Exposure controls/personal protection

8.1 Control parameters
- There are no recommended or established controls for this product.

8.2 Exposure controls
- Eyewash bottles should be available.
- Engineering controls should be provided to prevent the need for ventilation.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask, NIOSH N95 (US) or type FFP1 (EN143) dust masks.
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear safety glasses approved to standard for ANSI Z87 or EN 166.

SECTION 8 Exposure controls/personal protection (continued…)

- Wear suitable protective clothing in accordance with good chemical hygiene practices.



SECTION 9 Physical and chemical properties

Physical state: Reagents are provided as stable liquids.
Appearance and odor:
R1 is clear and colorless.
R2 has white milky appearance.
Odor threshold: Not Available
Vapor pressure: Not Available
Vapor density: Not Available
Specific gravity: Not Available
Evaporation rate: Not Available
Melting point: Not Available
Boiling point: Not Available
Solubility in water: Not Applicable
pH: Reagent = 7.60
Coefficient of oil/water distribution: Not Available

SECTION 10 Stability and reactivity

Stable: Yes
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Caution, contains Sodium Azides, in contact with heavy metals, may form explosive metal azides.
Hazardous decomposition products: Not Available

SECTION 11 Toxicological information

Acute Toxicity: Under normal circumstances and use, these products are unlikely to be acutely toxic
Skin sensitisation: Under normal circumstances and use, these products are unlikely to sensitise skin

SECTION 12 Ecological information

Mobility: The product is freely miscible with water
Persistence/Degradability: Some of the ingredients are expected to be resistant to biodegradation
Bio-accumulation: Not very likely

SECTION 13 Disposal considerations

Waste disposal: Dilute with large volumes of water and dispose of into sewer system, in accordance with local regulations.

SECTION 14 Transport information

UN Number: None assigned
UN Proper Shipping Name: Not applicable
ADR/RID – Class: Non Hazardous
IMDG – Packaging Group: Not applicable
IMDG – Class: Non Hazardous
IATA Packaging Group: Not applicable
IATA – Class: Non Hazardous

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010, WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR), and with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe.

SECTION 16 Other information

Date of Preparation: September 2019
Revision: Rev. 0
Replaces: New issue
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