ARENA BioScien

Safety Data Sheet

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

1.1 Product identifier

- Product Name: MICRO PROTEIN

1.2This reagent is used for Diagnostic reagent for the in-vitro quantitative determination of micro protein in human cerebrospinal fluid (CSF) and urine on both manual and automated systems.

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

2.1 Effects of chronic exposure: No data available.
2.2 SENSITIZATION TO PRODUCT: Not Available
2.3 SYNERGISTIC PRODUCTS: Not Available
2.4LD50: MOPSO: Not Available

SECTION 3 Composition/information on ingredients

3.1 Reagent Contains:
Glycine 0.05%
Pyrogallol Red 0.0001%
POISON, DO NOT INGEST
3.2 Standard Contains:
Sodium Azide 0.05%
POISON, DO NOT INGEST

SECTION 4 First aid measures

4.1 SKIN:
In case of contact, immediately flush area with plenty of water
4.2 EYES:
Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. 4.3 ORAL:
If ingested drink plenty of fluids and contact a physician.
4.4 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

5.1 Flammable: NO
5.2 Extinguishing media: As appropriate for fire in surrounding materials.
5.3 Flash point: Not Applicable
5.4 Upper flammable limit: Not Applicable
5.5 Lower flammable limit: Not Applicable
5.6 Autoignition temperature: Not Applicable
5.7 Hazardous combustion products: No data
5.8 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

6.1 Local exhaust: Not Required
6.2 Protective clothing: Lab Coat
6.3 Protective gloves: Rubber/Latex
6.4 Eye protection: Safety glasses
6.5 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.
6.6 Respiratory protection: None normally required.
6.7 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

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

SECTION 8 Exposure controls/personal protection

8.1 Exposure limits
WEL (8 hr TWA): 0.1 mg/m3 WEL (15 min STEL): 0.3 mg/m3
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.
- Wear suitable protective clothing in accordance with good chemical hygiene practices.



SECTION 9 Physical and chemical properties

9.1 Physical state:
Reagent and standard provided as a stable liquid.
9.2 Appearance and odor:
Reagent is a clear red/pink colored liquid. The standard is a clear colorless liquid.
Odor threshold: Not Available
9.3 Vapor pressure: Not Available
9.4 Vapor density: Not Available
9.5 Specific gravity: Not Available
9.6 Evaporation rate: Not Available
9.7 Melting point: Not Available
9.8 Boiling point: Not Available
9.9 Solubility in water: Not Applicable
pH: Reagent = 2.30
Coefficient of oil/water distribution: Not Available

SECTION 10 Stability and reactivity

10.1 Reactivity
No data available
10.2 Chemical stability
Stable under recommended storage conditions
10.3 Possibility of hazardous reactions
No data available
10.4 Conditions to avoid
No data available
10.5 Incompatible materials
Strong oxidizing agents
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.
Other decomposition products - No data available In the event of fire: see section 5

SECTION 11 Toxicological information

There is no toxicological information available for this product.
Acute Health Effects
Swallowed: Will cause burns to the mouth, mucous membranes, throat, oesophagus and stomach. If sufficient quantities (approximately 150 ml) are ingested (swallowed) death may occur.
Eye: Will cause burns to the eyes with effects including: pain, tearing, conjunctivitis, corneal ulcerations and if duration of exposure is long enough, blindness will occur.
Skin: Will cause burns to the skin, with effects including; redness, blistering, localized pain and inflammation.
Inhaled: Will cause irritation to the nose, throat and respiratory system with effects including: dizziness, headache, coughing, and loss of co-ordination and chest pains.
Chronic: Prolonged or repeated skin contact will lead to necrosis (death) of the skin.

SECTION 12 Ecological information

No information is available for this product.

Water Pollution Persistency: Can persist for extended periods of time.

Effect on water treatment process: Can raise pH and interfere with coagulation.

Avoid contaminating drains, sewers or waterways.

SECTION 13 Disposal considerations

Refer to appropriate authority in your State. Normally suitable for disposal by approved waste disposal agent.

SECTION 14 Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15 Regulatory information

Classification according to directives 67/548/EEC, 1999/45/EC.

Contains sodium azide


Xn Harmful

R22: Harmful if swallowed

S23: Do not breathe vapour

S46: If swallowed, seek medical advice immediately and show this container or label

S61: Avoids release to the environment. Refer to special instructions/safety data sheets.

SECTION 16 Other information

Date of Preparation: September 2019

Revision: Rev. 0

Replaces: New issue

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Arena BioScien Manufacturers, SEA. shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.