

MSDS/SDS DATASHEET

SECTION 1: IDENTIFICATION:

1.1 Product identifier:

Product name: **Mouse antibody to Glial Fibrillary Acidic Protein (GFAP) [2A5]: affinity purified**

Product no./Catalog #(s): **M-1827-100**

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Identified uses: For research use only.

1.3 Details of the supplier of the safety data sheet:

Biosensis Pty Limited

51 West Thebarton Rd, Thebarton, South Australia, 5031

Telephone + 61(0)8 8352 7711

1.4 Emergency telephone number:

Please contact your local Poison Control Centre

Australia – 131126

New Zealand – 0800 POISON (0800 764 766)

United States – 1800 222 1222

1.5 Revision number: 2; Revision Date: 9/2020

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS:

CAS # None

HAZARDOUS INGREDIENTS: No hazardous ingredients are contained in this product.

Classification of the Substance or Mixture:

Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS.

GHS Hazard Phrases:

2.2 Label Elements:

GHS Signal Word: None

No phrases apply.

GHS Precaution Phrases:

No phrases apply.

GHS Response Phrases:

Please refer to Section 7 for Storage and Section 13 for Disposal information.

GHS Storage and Disposal Phrases:

2.3 Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

SECTION 3: HAZARDS IDENTIFICATION:

TOXICITY HAZARDS:

RTECS Number: Not Assigned.

| | | | | |
|-------------------------|----------------------------------|--------|---------------------------|---|
| 26628-22-8 VY8050000 | Sodium azide 01-2119457019-37 | 0.05 % | 247-852-1 011-004-00-7 | Acute Tox.(O) 2: H300 Aquatic (A) 1: H400 Aquatic (C) 1: H410 |
|-------------------------|----------------------------------|--------|---------------------------|---|

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SECTION 4: FIRST-AID MEASURES:

Eye Contact: Irrigate with copious amounts of fresh water. Skin Contact: Wash with clean water or soap and water.

Inhalation: Move to an outside area and breath fresh air. Clear the nose by blowing.

Ingestion: Flush out the mouth with water and drink copious amounts of fresh water. Seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES:

Extinguishing media: Water spray, carbon dioxide, dry chemical powder, or appropriate foam. Prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES:

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be carefully wiped up with water and removed.

SECTION 7: STORAGE AND HANDLING:

7.1 Precautions for safe handling: No special handling advice required.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in properly labeled container. Store at specified temperature. Refer to product label.

7.3 Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

| 8.1 Exposure Parameters: | | | | |
|--------------------------|---------------|--------------|---|-----------------|
| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
| 26628-22-8 | Sodium azide | ACGIH TLV | CEIL: 0.29 mg/m ³ | |
| | | Europe | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ | Skin Absorption |
| | | France VL | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ | |
| | | Britain EH40 | TWA: 0.1 mg/m ³ () STEL: 0.3 mg/m ³ () | Skin Absorption |



Exposure controls:

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Process conditions: Provide eyewash station.

Protective equipment:

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

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Hand protection: Wear suitable protective gloves if risk of skin contact.

Eye protection: Wear chemical safety goggles with side-shields where eye exposure is reasonably probable.

Skin protection: Wear lightweight protective clothing to prevent any possibility of skin contact.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: APPEARANCE and ODOR:

Freeze-dried, no apparent odor

Odor: No characteristic odor.

Water solubility: Highly soluble in water, max/min levels not determined.

Boiling point (°C): Not determined.

Melting point (°C): Not determined.

Relative density: Not determined.

Vapor density (Air =1): Not applicable.

Vapor pressure: Not applicable.

Evaporation rate: Not applicable.

Viscosity: Not determined.

Decomposition temperature (°C): Not determined.

Flash point (°C): Not determined.

Auto ignition temperature (°C): Not determined.

Flammability limit – lower (%): Not determined.

Partition coefficient (N-octanol/water) Not determined.

Explosive properties: Not determined.

Oxidizing properties: Not determined.

9.2 Other information: None.

SECTION 10: STABILITY AND REACTIVITY:

10.1 Reactivity: No data available.

10.2 Stability: Stable.

10.3 Possibility of hazardous reactions: Not determined.

10.4 Conditions to avoid: Not determined.

10.5 Incompatible materials: Not determined.

10.6 Hazardous decomposition products: No data available.

10.7 Polymerization: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION:

Toxicological information: No information available.

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| | |
|--|--|
| 11.1 Information on Toxicological Effects: | The toxicological effects of this product have not been thoroughly studied. Sodium azide - Toxicity Data: Oral LD50 (rat): 27 mg/kg; Oral TDLO (woman): 3 mg/kg; Intraperitoneal LDLO (rat): 30 mg/kg; Subcutaneous LD50 (rat): 45100 ug/kg; |
| Chronic Toxicological reproductive effector, and Effects: | Sodium azide - Investigated as an agricultural chemical, drug, mutagen, Tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. Sodium azide RTECS Number: VY8050000 |
| Carcinogenicity: | NTP? No IARC Monographs? No OSHA Regulated? No |

SECTION 12: ECOLOGICAL INFORMATION:

- 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.
- 12.2 Persistence and Degradability No data available.
- 12.3 Bioaccumulative No data available.
- 12.4 Mobility in Soil: No data available.
- 12.5 Results of PBT and vPvB No data available
- 12.6 Other adverse effects: Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS:

13.1 Contact a licensed professional waste disposal service to dispose of this material. Waste treatment methods: dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION:

General: the product is not covered by international regulation on the transport of dangerous goods

(IMDG, IATA, ADR/RID)

- Road transport notes: Not classified.
- Rail transport notes: Not classified.
- Sea transport notes: Not classified.
- Air transport notes: Not classified.
- DOT (US): Not dangerous goods.
- 14.1 UN number: Not applicable.
- 14.2 UN proper shipping name: Not applicable.
- 14.3 Transport hazard class(es): Not applicable.
- 14.4 Packing group: Not applicable.

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14.5 Special precautions for user: Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture:

Approved code of practice: Classification and labeling of substances and preparations dangerous for supply.

Safety data sheets for substances and preparations.

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December

2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 U.S. Federal Regulations: SARA 313: This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contain HAPs.

15.3 U.S. State Regulations: California Proposition 65: This product does not contain chemicals listed under Proposition 65.

15.4 WHMIS hazard class: Non-controlled. This product has been classified according to the hazard criteria of the CPR

and the MSDS contains all of the information required by the CPR.

15.5 Chemical safety assessment: No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION:

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. Biosensis shall not be held liable for any damage resulting from the handling or from contact with the above product.