

## Material Data Safety Sheet/ Safety Data Sheet (MSDS/SDS)

### Catalogue No.: R-1794-100

Product name: Beta casein protein, Rabbit Polyclonal Antibody

MANUFACTURER:

EMERGENCY TELEPHONE NUMBERS:

Biosensis Pty. Ltd.

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[www.biosensis.com](http://www.biosensis.com) Revision: February 2021a

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS:

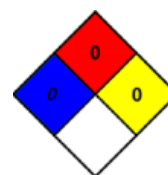
**Classification of the substance or mixture:** Not a hazardous substance or mixture.

This product has been evaluated per the classification criteria in the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). This product does not meet the criteria for classification in accordance with the GHS.

### Label elements

- GHS label elements: none
- Hazard pictograms: none
- Signal word: none
- Hazard statements: none
- Precautionary statements:

HEALTH	0
FIRE	0
REACTIVITY	0



P501 Dispose of contents / container in accordance with local regulations.

- Routes of Exposure:

For bloodborne pathogens and potentially infectious materials:

- non-intact skin
- mucous membranes (which includes, but is not limited to, the lining of the nose, mouth and throat)
- parenteral contact (e.g. by injection, puncture)

### Hazard Overview

Health: No adverse effects expected if used as directed.

Fire: Noncombustible

Reactivity: Minimal hazard - Stable, even in a fire. Not reactive with water. Not an oxidizer.

### Other hazards

This product contains potentially infectious material. Refer to the US OSHA Bloodborne pathogens standard (29 CFR 1910.1030) for additional relevant information

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### SECTION 3: HAZARDS IDENTIFICATION:

Chemical Name	Identifiers	Hazardous	Approximate Percentage %
Water or buffer with 0.02% Sodium Azide	CAS: N/A	nonhazardous	-
Sodium Azide	CAS: 26628-22-8	nonhazardous	0.02%
Water	CAS: 7732-18-5	nonhazardous	-

Chemical characterization: mixture

Chemical name: not applicable

CAS number: not applicable

Chemical characterization: Mixture of chemical and/or biological substances for research purposes use.

Hazardous chemical ingredients per U.S. OSHA criteria (29 CFR 1910.1200 Hazard Communication): none

### 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.

Most important symptoms and effects, both acute and delayed: None expected

• Medical conditions aggravated by exposure:

Pre-existing respiratory ailments

None known

### SECTION 5: FIRE FIGHTING MEASURES:

Extinguishing media: Water spray, carbon dioxide, dry chemical power 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:

Precautions for safe handling: Handle as a potentially infectious material.

• Information about protection against explosions and fires: The product is not flammable.

• Requirements to be met by storerooms and receptacles: Store only in the original container.

Refer to the package insert or product label for additional information on storage conditions for product quality.

• Information about storage in one common storage facility: Store in original packaging.

• Further information about storage conditions: Protect from heat and direct sunlight.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

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Safety shower and eye bath, mechanical exhaust required. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid inhalation. Avoid contact with eyes, skin and clothing. Store as indicated on product label. Avoid prolonged or repeated exposure.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, including

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gloves, safety glasses, dust mask, and a laboratory coat.



SPECIAL PRECAUTIONS: Not for human or drug use. Not for household use.

### SECTION 9: APPEARENCE and ODOR:

Liquid, clear, no apparent odor

- pH-value Not determined
- Melting point/Melting range: Not determined
- Boiling point/Boiling range: Not determined
- Flash point Not applicable
- Flammability (solid, gaseous) Not applicable
- Auto igniting Product is not self-igniting.
- Danger of explosion Product does not present an explosion hazard.
- Explosion limits
- Lower: Not determined
- Upper: Not determined
- Density Not determined
- Evaporation rate: Not determined

### SECTION 10: STABILITY AND REACTIVITY:

Stability: Stable under normal handling procedures.

Thermal decomposition / conditions to be avoided

No decomposition if used and stored according to specifications.

- Possibility of hazardous reactions: not applicable
  - Conditions to avoid: No further relevant information available.
  - Incompatible materials: No further relevant information available.
  - Hazardous decomposition products: No dangerous decomposition products known.

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### SECTION 11: TOXICOLOGICAL INFORMATION:

- Acute toxicity: LD50/LC50 values for hazardous ingredients per OSHA criteria:
- Ingredients (100% pure substance/s): Not applicable.
- Primary toxicological effects of the final product:
- Skin irritation: No irritant effect.
- Eye irritation: No irritant effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information: None
- Carcinogenic categories
- IARC (International Agency for Research on Cancer)  
None of the ingredients is listed.
- NTP (National Toxicology Program)  
None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration)  
None of the ingredients is listed.
- Target organs/systems: Unknown

### SECTION 12: ECOLOGICAL INFORMATION:

Aquatic toxicity: No further relevant information available.

- Additional ecological information
- General notes: Not known to be a water pollutant.
- Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

### SECTION 13: DISPOSAL CONSIDERATIONS:

Recommendation for disposal of unused product:

Dispose in accordance with federal, state and local regulations and institutional requirements. Waste containing this product may be considered hazardous per U.S. EPA, state or local regulations. The following may be particularly important when identifying appropriate disposal:

- Potentially infectious. See Section 4, Information for Medical Personnel, for more information.
- See Section 6 for information when institutional or regulatory requirements include any sort of treatment of potentially infectious wastes
- Recommendation for disposal of packaging:

Non-contaminated packaging may be used for recycling. Refer to applicable local regulations and institutional policies.

For disposal of contaminated packaging, refer to applicable local regulations and institutional policies.

- Recommended cleansing agent: Water with cleansing agents, if necessary

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### SECTION 14: TRANSPORT INFORMATION:

- DOT, ADN, IMDG, IATA none
- UN proper shipping name
- DOT, ADR, ADN, IMDG, IATA none
- Transport hazard class(es)
- DOT, ADR, ADN, IMDG, IATA
- Class none
- DOT, IMDG, IATA none
- Environmental hazards
- Marine pollutant: No

#### Additional information

- DOT: Remarks: Not restricted for transportation.
- ADR: Remarks: Not restricted for transportation.
- IMDG: Remarks: Not restricted for transportation.
- IATA: Remarks: Not restricted for transportation.

### SECTION 15: REGULATORY INFORMATION

SARA (Superfund Amendments and Reauthorization Act of 1986 - USA):

- Section 302/304 (40CFR355.30 / 40CFR355.40):

EUROPEAN INFORMATION: Caution: substance not yet fully tested.

California Proposition 65 (USA):

- Chemicals known to cause cancer:

The product does not contain listed substances.

- Chemicals known to cause female reproductive toxicity:

None of the ingredients is listed.

- Chemicals known to cause male reproductive toxicity:

None of the ingredients is listed.

Chemicals known to cause developmental reproductive toxicity:

None of the ingredients is listed

### 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.

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