

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.08.2015

Version number 1

Revision: 14.08.2015

Hazardous according to criteria of Australian Safety and Compensation Council

1 Identification of the substance/mixture and of the company/undertaking

· Product identifier

- Trade name: **BRUCELLA CONTROL SERUM**, Lyoph. (q.s. ad 1 mL)
 - Article number: 63240
- Relevant identified uses of the substance or mixture and uses advised against
 - No further relevant information available.
 - Application of the substance / the mixture In vitro diagnostic medical device or component.

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Bio-Rad
 3, Boulevard Raymond Poincaré
 F-92430 Marnes-la-Coquette
 Tel.: +33 (0)1 47 95 60 00
 Fax: +33 (0)1 47 41 91 33
 e-mail: fds-msds.fr@bio-rad.com

- Further information obtainable from: Customer Support.
- Emergency telephone number: See item 16

2 Hazards identification

· Classification of the substance or mixture

The product is not classified according to the Globally Harmonised System (GHS).

· Label elements

- GHS label elements Void
 - Hazard pictograms Void
 - Signal word Void
- Hazard-determining components of labelling:
 - Sodium Azide
- Hazard statements Void

· Other hazards

- Results of PBT and vPvB assessment
 - PBT: Not applicable.
 - vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterisation: Mixtures

- Description: Preparation containing hazardous components.

· Dangerous components:

26628-22-8	Sodium Azide	 Acute Tox. 2, H300	0.1-2.5%
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- Additional information: For the wording of the listed risk phrases refer to section 16.

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(Contd. on page 2)

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(Contd. of page 1)

4 First aid measures

- **Description of first aid measures**
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
 - **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray.
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
 - **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling**
Prevent formation of dust.
Follow good laboratory practices.
 - **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.

(Contd. on page 3)

AUS

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(Contd. of page 2)

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

26628-22-8 Sodium Azide

NES | Peak limitation: 0.3 mg/m³, 0.11 ppm

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **Respiratory protection:** Suitable respiratory protective device recommended.
 - **Protection of hands:** Protective gloves
 - **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- **Form:**

Powder

- **Colour:**

White

- **Odour:**

Product specific

- **pH-value:**

Not applicable.

- **Change in condition**

- **Melting point/Melting range:**

Undetermined.

- **Flash point:**

Not applicable.

- **Flammability (solid, gaseous):**

Not determined.

- **Danger of explosion:**

Product does not present an explosion hazard.

- **Density:**

Not determined.

- **Solubility in / Miscibility with**

- **water:**

Soluble.

- **Other information**

No further relevant information available.

10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Possibility of hazardous reactions**

No dangerous reactions known.

- **Conditions to avoid**

No further relevant information available.

- **Incompatible materials:**

No further relevant information available.

(Contd. on page 4)

AUS

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(Contd. of page 3)

- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

26628-22-8 Sodium Azide

Oral	LD50	27 mg/kg (rat)
Dermal	LD50	20 mg/kg (rabbit)

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Avoid transfer into the environment.

Harmful to aquatic organisms

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation** Must be specially treated adhering to official regulations.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **ADG, ADN, IMDG, IATA**

Void

(Contd. on page 5)

AUS

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(Contd. of page 4)

· UN proper shipping name	
· ADG, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· ADG, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· ADG, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	-

15 Regulatory information

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

· Australian Inventory of Chemical Substances

26628-22-8 Sodium Azide

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H300 Fatal if swallowed.

· Department issuing MSDS:

MSDS / FDS Administr.

Bio-Rad

Marnes-la-Coquette, France

· Contact:

Customer Support

Phone : +33 (0)1 47 95 62 77

AUSTRALIA

Bio-Rad Laboratories Pty. Ltd.

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(Contd. on page 6)

AUS

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Trade name: BRUCELLA CONTROL SERUM, Lyoph. (q.s. ad 1 mL)

Phone : +61-2-9914-2800

Fax : +61-2-9914-2888

(Contd. of page 5)

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 2: Acute toxicity, Hazard Category 2

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