

MATERIAL SAFETY DATA SHEET

1. Identification of the Substance/Mixture and of the Company/Undertaking

Product name: Bovine Serum Albumin
Product code: RBP-all, B-all
Brand: Serana
Company: Serana Europe GmbH
D-14641 Pessin
Germany
Phone: +49 0332 3785 9253

2. Hazards Identification

Not classified as hazardous according to EU criteria

Hazard Classification: NON-HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS
Hazard Category: None allocated.
Risk Phrases: None allocated.
Safety Phrases: S23 Do not breathe vapour.
Poison Schedule: None allocated.

3. Composition/information on ingredients

Chemical composition:

Contains Sodium Azide 0.01% (CAS # 26628-22-8) (Poison) DO NOT INGEST

Additional considerations:

All other ingredients determined not to be hazardous according to the EU criteria.

4. First aid measures

Inhalation: Move to fresh air. If not breathing, give artificial respiration.
Skin contact: Wash off immediately with soap and plenty of water. Call a physician if irritation persists.
Eye contact: Rinse thoroughly with copious amounts of water for at least 15 minutes, also under the eyelids. Call a physician if irritation persists.
Ingestion: Never give anything by mouth to an unconscious person. If more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

5. Fire fighting measures

Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical powder, or appropriate foam. Use extinguishing media suitable for surrounding fire.

Special protective equipment for fire fighters:

Wear self-contained breathing apparatus and protective suit.

6. Accidental release measures

Emergency Procedures:

Keep unnecessary people away. Isolate hazard area and deny entry. If product spills onto floors it will represent a slip hazard, walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

Methods and Materials for Containment and Cleanup Procedures:

Dike area using an absorbant such as diatomaceous earth – to prevent run off into drains and waterways. Throw further absorbent (diatomaceous earth or other inert material) on top of spill, then shovel up and seal properly labelled containers for disposal.

7. Handling and Storage

Handling:

Provide adequate ventilation. Avoid generating vapours.

Storage:

Store in cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. When stored at 2 - 8°C the reagent will be stable until the expiry date on the container label. Store in original packaging as approved by the manufacturer.

8. Exposure controls/personal protection

Exposure Standards:

No exposure standards have been assigned by (NOHSC) for this product or any of the components.

Engineering Controls:

Maintain adequate ventilation at all times. No other measures are required for this product.

Personal Protection Equipment:

Gloves: Not normally required, however, if handling large quantities the use of natural rubber is recommended.

Eyes: Chemical glasses or face shield for spills.

Respiratory Protection: Avoid breathing vapours. The use of respirator is not normally required, however, if entering spaces where the airborne concentration of a contaminant is unknown then use of self-contained breathing apparatus (SCBA) with positive air pressure complying with AS/NZS 1715 / 1716, or any other acceptable international standard is recommended. Select and use respirators in accordance with AS/NZS 1715/1716.

9. Physical and chemical properties

Reagent 1

Appearance: Off-white powder with slight odour

Boiling Point: Not available

Freezing Point: Not available

Vapour Pressure: Not available

Specific Gravity: Not available

Flash Point: Not available

Flammability Limits: Not available

Solubility in Water:

10. Stability and Reactivity

Stability: Stable, under recommended storage conditions

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Hazardous decomposition products / Materials to avoid:	No information available
Dangerous reactions:	No information available
Polymerization:	Hazardous polymerisation does not occur.

11. Toxicological Information

Acute toxicity:

Potential health effects:

Skin:	No information available
Eyes:	No information available
Inhalation:	No information available
Ingestion:	No information available
Sensitisation:	No information available
Additional information:	No information available

12. Ecological Information

In general:

Prevent product from entering drains. No bioaccumulation.

13. Disposal Considerations

In general:

Dispose of in accordance with local regulations.

14. Transport Information

IATA:

Proper shipping name	Not classified as dangerous with regard to transport regulations.
Hazard Class	No information available
Subsidiary Class	No information available
Packing group	No information available
UN-No	No information available

15. EU-Regulatory Information

In compliance with local and national regulations, this product is classified and labelled in accordance with Directive 1999/45/EC.

Label according to EWG-regulations:

Code and Hazard declaration:	Not dangerous
Dangerous components requiring special labelling:	Not applicable
International Inventories:	
Classification according to VbF:	Not applicable

16. Intended Use:

For Research, Diagnostic or Further Manufacturing Use. Not for human or animal consumption.

17. Other Information**Further information**

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