



**AURION Blocking Solutions**  
**Material Safety Data Sheet: BSA-05/3**

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**Section 1: Product and Company Identification**

**1.1 Product identifiers**

Product name: Bovine Serum Albumin (BSA)  
Product codes: 900.011

**1.2 Company information**

Manufacturer: Aurion ImmunoGold Reagents & Accessories  
Binnenhaven 5, 6709 PD Wageningen,, The Netherlands  
Phone: +31-317-415094, Fax: +31-317-415955, Email: info@aurion.nl  
Chamber of Commerce 09068171 Arnhem. The Netherlands

**1.3 Emergency phone number**

Emergency Phone # 112 or 911

Date prepared: November 21, 2023  
MSDS number: BSA-05/3

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**Section 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

**2.2. Label elements**

Not a hazardous substance or mixture according to regulation (EC) No. 1272/2008

**2.3. Other hazards**

None

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**Section 3: Composition / Ingredients**

**3.2 Mixtures**

No components need to be disclosed according to applicable regulations

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**Section 4: First Aid Measures**

**4.1 Description of first aid measures**

Eye Contact: Flush with copious amounts of water for at least 15 minutes.  
Assure adequate flushing by separating the eyelids with fingers. Consult a physician.  
Skin Contact: Flush with copious amounts of water for at least 15 minutes.  
Remove contaminated clothing and shoes. Consult a physician.  
Ingestion: Wash out mouth with water, provided person is conscious. Consult a physician.  
Inhalation: Move to fresh air. If breathing becomes difficult, consult a physician.

**4.2 Most important symptoms and effects**

See section 2.2 and section 11

**4.3. Indication of any immediate medical attention and special treatment**

No data available



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## Section 5: Fire Fighting Measures

### 5.1 Extinguishing Methods

Use extinguishing media appropriate to surrounding fire conditions.

### 5.2. Specific Hazard(s)

N/A

### 5.3. Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing if necessary

### 5.4 Further information

No data available

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## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas, Ensure adequate ventilation.  
For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Absorb on sand or vermiculite and place in closed containers for disposal.  
Wash spill site after material pickup is complete with copious amounts of water.

### 6.4 Reference to other sections

For disposal see section 13

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## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
For precautions see section 2.2.

### 7.2 Conditions for safe storage

Minimum / Maximum Storage Temperatures: 0 - 8°C (273 - 281K)

Avoid freezing.

Storage: Store in a refrigerator

Containers which are opened must be carefully resealed and kept upright to prevent leakage

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## Section 8: Exposure Controls / Personal Protection

### 8.1 Control parameters

### 8.2 Exposure controls

Handle in accordance with Good Laboratory Practice  
Wash hands before breaks and end of workday

Personal protective equipment

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as EN 166

Protective Gloves: Chemical-resistant gloves that meet Regulation (EU) 2016/425 and standard EN 374

Body protection: Impermeable clothing, lab coat

Respiratory protection: Wear a dust mask (EN 143) when nuisance of dust particles is observed

Control of environmental exposure: Prevent further leakage or spillage if safe to do so.

Discharge in the environment should be avoided.

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**Section 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

Appearance: Powder, lyophilized

pH: 4.8-7.5

Light sensitive

No other data available

**9.2 Other safety information**

No data available

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**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 reagents, strong reducing agents

**10.6 Hazardous decomposition products**

No data available, in the event of fire see section 5.

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**Section 11: Toxicological Information****11.1 Information on toxicological effects**

The toxicological properties have not been thoroughly investigated.

Carcinogenicity: No component of this product present at concentrations greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**11.2 Information on other hazards**

This product does not contain any known or suspected endocrine disruptors

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**Section 12: Ecological information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

**12.7 Other adverse effects**

No data available

