



Bovine Albumin Solution

MATERIAL SAFETY DATA SHEET

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IMPORTANT NOTICE This Material Safety Data Sheet (MSDS) is prepared by CSL Limited in accordance with the Australian National Occupational Health & Safety Commission National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]. The information contained herein must not be altered or deleted. Additional information may be appended to the MSDS, but it must be marked clearly to indicate that it is not part of the original.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Bovine Albumin 30% Solution; Bovine Albumin 22% Solution

Other Names Not applicable

Manufacturer's Product Code 06701305, 02441301

Use Used to enhance agglutination of red cells in various antibody detection and compatibility testing techniques. For *in vitro* diagnostic use only.

Supplier Name CSL Limited (ABN 99 051 588 348)

Address 45 Poplar Road, Parkville, Victoria 3052, Australia

Telephone +61 03 9389 1911

Emergency Telephone 03 9389 1984 (24hr)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of SWA
Not classified as a dangerous good by the criteria of the ADG Code

All blood products should be treated as potentially infectious.

Risk Phrases

- Harmful if swallowed (R22)
- Contact with acids liberates very toxic gas (R32)

Safety Phrases

- Wear suitable gloves (S37)
- Wear eye/face protection (S39)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	CAS number:	Proportion:
Bovine Albumin	9048-46-8	≤30%
Sodium Chloride	7647-14-5	<1%
Sodium Azide	26628-22-8	0.1%
Distilled Water	-	up to 100%

4. FIRST AID MEASURES

Eye Flush with water for at least 15 minutes. If symptoms persist seek medical attention.

Swallowed DO NOT INDUCE VOMITING. Wash out mouth with water and give water to drink. Seek medical attention.

Skin Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. If symptoms persist seek medical attention.

Inhaled Remove to fresh air. Give oxygen if breathing is difficult and seek medical attention.

First Aid Facilities Ensure water is available at point of use.

Advice To Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard Toxic gases may be emitted from fires involving this product and its packaging, therefore self-contained breathing apparatus and full protective equipment are recommended for fire fighters. Where possible, contain and collect fire-fighting water for later disposal.

Fire Extinguishing Media

- Dry powder
- CO₂
- Foam

Hazchem Code None allocated

6. ACCIDENTAL RELEASE MEASURES

Minor Spills

- Wear protective gloves and safety glasses.
- Soak up spills with absorbent material i.e. paper towels or vermiculite.
- Place spilled material in clean, dry, sealed container for disposal.
- Decontaminate area with 1% sodium hypochlorite in water.

Major Spills

- Wear protective gloves and safety glasses.
- Contain and absorb spills using earth, sand or inert absorbent.
- Prevent material entering open drains and waterways.
- Collect residues and seal in labelled drums for disposal.
- Decontaminate area with 1% sodium hypochlorite in water.

7. HANDLING AND STORAGE

- Store away from acids.
- Provide sufficient absorbent material for potential spillage due to damage to transport container.
- Transport and store at 2 to 8 degrees C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No exposure limits set by NOHSC or ACGIH

Engineering Controls None under normal operating conditions.

Personal Protection Protective gloves and safety glasses must be worn when handling this product. Do not pipette by mouth.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information, consult your Occupational Health and Safety Adviser.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance A clear straw coloured solution.

Odour Odourless

pH 6.8-7.0

Boiling Point/Melting Point As for water

Vapour Pressure As for water (3.17kPa at 25°C)

Vapour Density Not determined

Specific Gravity 1

Flashpoint Not determined

Flammability Limits Not determined

Solubility in Water Aqueous solution

10. STABILITY AND REACTIVITY

Reactivity Contact with acids liberates very toxic gas.

Stability Stable under anticipated storage and handling conditions (refer section 7).

Decomposition Products None known.

11. TOXICOLOGICAL INFORMATION

This product contains bovine albumin and therefore should be treated as potentially infectious.

Eye May cause irritation.

Swallowed Harmful if swallowed.

Skin May cause irritation.

Inhaled May be harmful if inhaled.

Chronic Health Effects No chronic health effects known.

12. ECOLOGICAL INFORMATION

- No data available.
- For good environmental practice avoid discharge to waterways.

13. DISPOSAL CONSIDERATIONS

- In accordance with state land and waste management authority.
- Dispose via a licensed waste facility.

14. TRANSPORT INFORMATION

UN Number	None allocated
DG Class	None allocated
Subsidiary Risk	None allocated
Packing Group	None allocated
Hazchem Code	None allocated

15. REGULATORY INFORMATION

Poisons Schedule Number Not scheduled

16. OTHER INFORMATION

Last Revised 6 August 2012

Reason for Revision 5 Yearly Review

Abbreviations

SWA	-	Safe Work Australia
ADG Code	-	Australian Dangerous Goods Code
UN Number	-	United Nations Number
DG Class	-	Dangerous Goods Class
CAS Number	-	Chemical Abstract Service Number

Contact Point

Company Contact:	+61 3 9389 1984 (24hr)
Australian Poisons Information Centre, 24 hour service:	13 11 26
Australian Police, Fire Brigade or Ambulance:	000

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