

**IMPORTANT NOTICE:** This Safety Data Sheet (SDS) is prepared by CSL Behring in accordance with Safe Work Australia National Code of Practice for the Preparation of Safety Data Sheets (February 2016). The information contained herein must not be altered or deleted. Additional information may be appended to the SDS, but it must be marked clearly to indicate that it is not part of the original.

## 1. Identification

### 1.1. Product identifier

<b>Product Identity</b>	Albumex® 4 (Human Albumin 4%)
<b>Alternate Names</b>	Human Albumin, solution for intravenous injection
<b>Manufacturer's Product Code</b>	50mL - 34500150, 250mL - 34500165, 500mL - 34500170 50mL (NZ) - 34500250, 250mL (NZ) - 34500265 NZ, 500mL (NZ) - 34500270

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Intended use</b>	The function of Albumex® 4 is to increase plasma volume. Albumex 4® may be used when the blood volume is low (hypovolemia), during heart-lung bypass surgery, and in plasma exchange. Hypovolemia may occur during shock, after heart-lung bypass surgery, and in patients with multiple organ failure or leaky small blood vessels.
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<b>Application Method</b>	Albumex® 4 is given as an infusion by a doctor and can only be obtained on a doctor's prescription. See Technical Data Sheet.
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### 1.3. Details of the supplier of the safety data sheet

<b>Company Name</b>	CSL Behring (Australia) Pty. Ltd. (ABN 48 160 734 761) 189-209 Camp Road Broadmeadows, Victoria, 3047 Australia
<b>Customer Service</b>	+61 03 9246 5200
<b>Emergency Telephone</b>	1800 642 865 (24hr)

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### Not classified as hazardous according to the WHS Regulations

All blood products should be treated as potentially infectious. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.

<b>GHS Classification(s)</b>	None Allocated
<b>Signal Word</b>	No signal word
<b>Pictogram(s)</b>	No Pictogram(s)
<b>Hazard Statement(s)</b>	None Allocated
<b>Prevention statement(s)</b>	None Allocated
<b>Response</b>	None Allocated
<b>Storage</b>	None Allocated
<b>Disposal</b>	None Allocated

## 3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

Non-Hazardous Ingredients:

Human Albumin (4% w/v)

Other non-hazardous ingredients (up to 100%)

## 4. First aid measures

### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	Wash out mouth thoroughly with water, if irritation or discomfort persists seek medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** No specific symptom data available.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Non-Combustible. Not considered a significant fire risk.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

### 5.3. Advice for fire-fighters

None

## 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Minor Spills: 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: 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

### 7.1. Precautions for safe handling

Limit all unnecessary personal contact. Always wash hands with soap and water after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store at < 30C. Protect from light.

Incompatible materials: No data available.

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

### 8.2. Exposure controls

<b>Respiratory</b>	Not applicable
<b>Eyes</b>	Protective safety glasses recommended
<b>Skin</b>	Protective gloves (e.g. latex or nitrile) recommended.
<b>Engineering Controls</b>	None under normal conditions
<b>Other Work Practices</b>	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. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Almost Colorless Yellow, Amber or Green Liquid
<b>Odor</b>	Slight
<b>Odor threshold</b>	Not Measured
<b>pH</b>	Approximately 7.0
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Miscible
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

No hazardous decomposition data available.

## 11. Toxicological information

**Acute toxicity**

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Product:

In accordance with state land and waste management authority.  
Incineration in controlled furnaces.

Packaging:

Must be disposed of in compliance with country-specific regulations.

