

# BAXTER MEDICATION DELIVERY STERILE SOLUTIONS CATALOGUE

ANZ



**Baxter**

# BAXTER FLUID SOLUTIONS

## Contact

### AUSTRALIA CUSTOMER SUPPORT

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Australian Customer Service  
1 Baxter Drive Toongabbie,  
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1800 BAXTER or 1800 229 837

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0800 BAXTER or 0800 229 837

### MEDICAL INFORMATION (OneCall)

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Australia



1300 302 409

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# VIAFLEX

## BAXTER VIAFLEX BAG RANGE

NON-VENTED, FLEXIBLE, FULLY COLLAPSIBLE RECYCLABLE CONTAINER

### Mixing

Capacity allows larger volume drug mixing

### Range

Available in 50mL, 100mL, 250mL, 500mL, 1000mL, 2000mL, and 3000mL sizes

### Integrated hanger

For easy handling

### Recyclable

Locally recyclable to assist with sustainability targets

### Labels

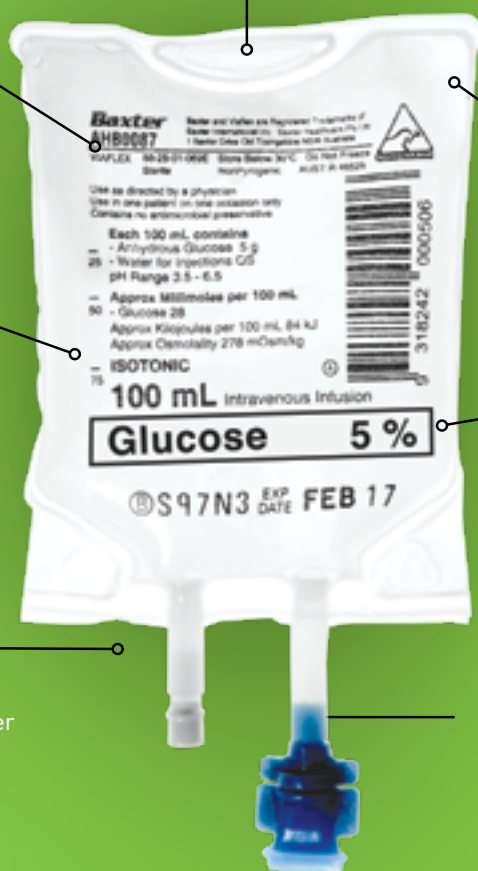
Key information at base to allow easy recognition of hanging fluid

### Sterile chamber

Membrane pierced only when the set spike seals the chamber

### Protection

Twist-off protector ensures sterility of the chamber



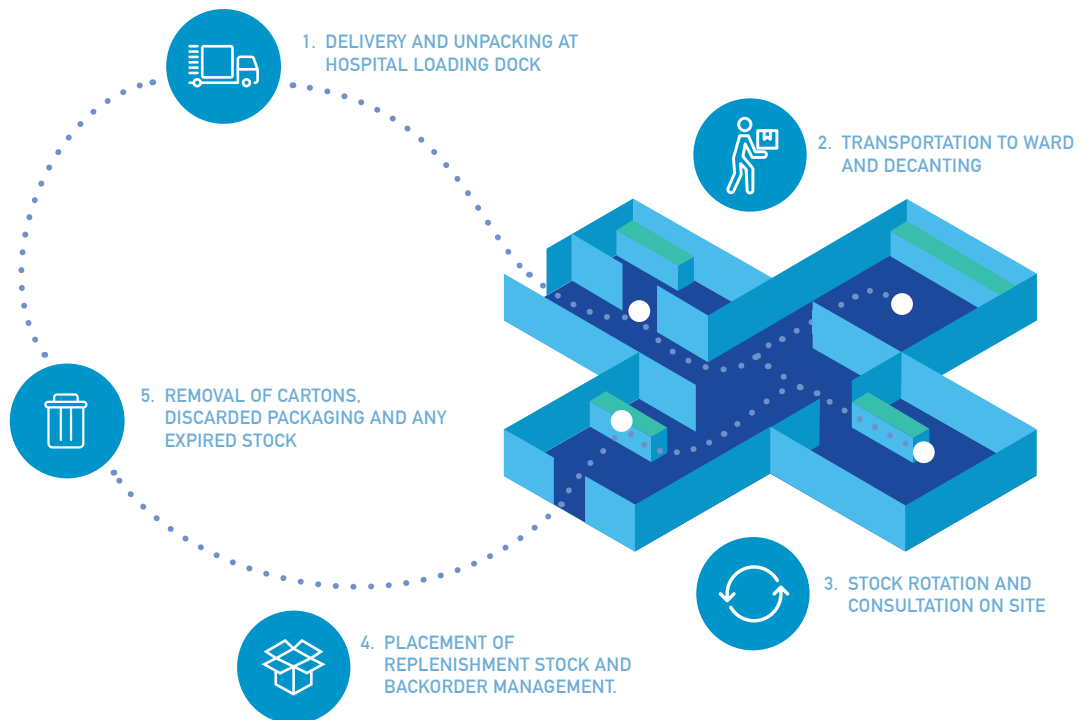
- Compatible with a wide range of IV drugs
- Unbreakable
- Transparent for easy inspection
- Latex-free

For further information and assistance please contact your IV fluids sales specialist



# ENHANCED SERVICES WARD DELIVERY

END TO END IV FLUIDS HANDLING AND LOGISTICS  
SOLUTION TAILORED FOR YOUR SITE.



## BENEFITS:

- Local team member
- Direct link to the supplier
- Never miss an order with Routine and Holiday Stock Planning
- Reduce Wastage and discard with Stock Rotation
- Reduce Occupational Health and Safety Risk with staff
- Liberation of Hospital Staff for other activities
- Increase space and reduce wastage costs with Removal of excess packaging



# ENHANCED SERVICES

## PVC RECYCLING

SUSTAINABLE - LOCAL MANUFACTURING AND LOCAL RECYCLING



PVC Fluid Bags are manufactured in NSW, Australia. Bags are made from 30% recycled materials reclaimed from the manufacturing process and they are recyclable after use.

The PVC Recycling takes place in Australia and the recycled resin is used to manufacture many other useful items such as plastic hose pipes and flooring.



### LOCAL MANUFACTURING

Local manufacturing results in a smaller carbon footprint due to reduced importation and it supports local employment.



### LOCAL RECYCLING

Local recycling solution diverts waste from landfill or incineration and prevents export of waste.



# BAXTER STERILE FLUIDS CUSTOM MANUFACTURING SERVICE

Baxter have a dedicated fill line in their Australian manufacturing facility in NSW that is utilised to manufacture specialist formulations in small batch quantities at the request of customers.

All products are manufactured in compliance with the same TGA cGMP quality standards that apply to Baxter's registered IV fluid products.

## BAXTER CUSTOM MANUFACTURED STERILE SOLUTIONS EXAMPLES AND APPLICATIONS INCLUDE:

- Cardioplegic solutions
- Pharmaceuticals e.g. Heparin, Lignocaine
- Irrigation

## BENEFITS OF THE BAXTER CUSTOM MANUFACTURING SERVICE:



### QUALITY

- TGA licensed manufacturing facility and processes
- Terminally Sterilised Fluids
- Customised Labelling



### PATIENT SAFETY

- Use of flexible container closed systems and Elimination of bedside mixing reducing risk of contamination
- TGA standard labelling reducing the risk of dosing errors



### HEALTH WORKER SAFETY

- Elimination of bedside mixing reducing risk of needle stick injuries



### EFFICIENCY

- Reduced cost of sterile consumables for the customer
- Liberates clinical staff from mixing and shifts focus to clinical practice

BAXTER FLUID SOLUTIONS

# PRODUCTS



## Plasma-Lyte 148 (pH 7.4)

## VIAFLEX BAGS

### ISOTONIC

Sodium 140 mmol/L, Potassium 5 mmol/L, Magnesium 1.5 mmol/L, Chloride 98 mmol/L, Acetate 27 mmol/L, Gluconate 23 mmol/L

Product Code	AHB2543	AHB2544
Volume	500 mL	1,000 mL
Shelf Life	24 months	24 months
Pack Factor	18	12



### INDICATIONS

*Plasma-Lyte 148 Replacement IV Infusion is indicated as a source of water and electrolytes or as an alkalinising agent.*

### CONTRAINDICATIONS

*None known.*



**Plasma-Lyte 148  
& Glucose 5%**

VIAFLEX BAGS

## HYPERTONIC

Sodium 140 mmol/L, Potassium 5 mmol/L, Magnesium 1.5 mmol/L,  
Chloride 98 mmol/L, Acetate 27 mmol/L, Gluconate 23 mmol/L, Glucose 23 mmol/L

Product Code	AHB2584
Volume	1000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*Plasma-Lyte 148 Replacement and 5% Glucose IV Infusion is indicated as a source of water, electrolytes and calories or as an alkalinising agent.*

### CONTRAINDICATIONS

*Solutions containing glucose may be contraindicated in patients with known allergy to corn or corn products.*

## Plasma-Lyte 56 & Glucose 5%

## VIAFLEX BAGS

# HYPERTONIC

Sodium 40 mmol/L, Potassium 13 mmol/L, Magnesium 1.5 mmol/L,  
Chloride 40 mmol/L, Acetate 16 mmol/L, Gluconate 278 mmol/L

Product Code	AHB2574
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



## INDICATIONS

*Plasma-Lyte 56 Maintenance and 5% Glucose IV Infusion is indicated as a source of water, electrolytes and calories or as an alkalinising agent.*

## CONTRAINDICATIONS

*Solutions containing glucose may be contraindicated in patients with known allergy to corn or corn products.*



## Compound Sodium Lactate (Hartmann's)

## VIAFLEX BAGS

### ISOTONIC

Sodium 131 mmol/L, Potassium 5 mmol/L, Calcium 2 mmol/L,  
Chloride 111 mmol/L, Lactate 29 mmol/L

Product Code	AHB2323	AHB2324
Volume	500 mL	1,000 mL
Shelf Life	24 months	24 months
Pack Factor	18	12



### INDICATIONS

The Hartmann's and modified Hartmann's IV Infusion is indicated as a source of water and electrolytes. It is also used in patients as a source of bicarbonate in the treatment of mild to moderate metabolic acidosis associated with dehydration or associated with potassium deficiency. These solutions are indicated as methods of intravenous drug delivery, if the drugs are compatible with the solutions.

### CONTRAINDICATIONS

The Hartmann's IV and modified Hartmann's IV Infusion is contra-indicated in patients with congestive heart failure or severe impairment of renal function. Also in a clinical states in which the administration of sodium and chloride is detrimental.

**Glucose 5%**

**VIAFLEX BAGS**

**ISOTONIC**

Glucose 278 mmol/L

Product Code	AHB0086A	AHB0087	AHB0062	AHB0063	AHB0064
Volume	50 mL	100 mL	250 mL	500 mL	1,000 mL
Shelf Life	15 months	18 months	18 months	18 months	18 months
Pack Factor	60	48	24	18	12



**INDICATIONS**

Glucose (5%) Intravenous Infusions are mainly indicated:

- Whenever non-electrolyte fluid replacement is required.
- As a vehicle for drug delivery, provided that the added components are compatible with glucose.

**CONTRAINDICATIONS**

The infusion of hypertonic glucose injections is contraindicated in patients having intracranial or intraspinal haemorrhage, in patients with delirium tremens who are severely dehydrated, in patients who are anuric, and in patients with diabetic coma. Also in patients, who are known to have an allergy reaction to corn or corn products, because cornstarch is used as raw material for glucose production. Avoid use after an ischaemic stroke episode as under this condition, the induced lactic acidosis aggravates the recovery of the brain damage tissue.



**Sodium Chloride 0.9%**

**VIAFLEX BAGS**

**ISOTONIC**

Sodium 150 mmol/L, Chloride 150 mmol/L

Product Code	AHB1306A	AHB1307	AHB1322	AHB1323	AHB1324
Volume	50 mL	100 mL	250 mL	500 mL	1,000 mL
Shelf Life	18 months	18 months	24 months	24 months	24 months
Pack Factor	60	48	24	18	12



**INDICATIONS**

*Sodium Chloride (0.9%) Intravenous Infusion is indicated for extracellular fluid replacement and in the management of metabolic alkalosis in the presence of fluid loss, and for restoring or maintaining the concentration of sodium and chloride ions.*

**CONTRAINDICATIONS**

*The use of Sodium Chloride Intravenous Infusion requires careful evaluation of risks and benefits by the attending physician. It must not be used in the following conditions unless the physician has determined that potential benefits outweigh risks:*

- congestive heart failure
- severe impairment of renal function,
- clinical states in which there exists oedema with sodium retention.

**Sodium Chloride 0.18%  
& Glucose 4%**

**VIAFLEX BAGS**

**ISOTONIC**

Sodium 30 mmol/L, Chloride 30 mmol/L, Glucose 222 mmol/L

Product Code	AHB1253	AHB1254
Volume	500 mL	1,000 mL
Shelf Life	24 months	24 months
Pack Factor	18	12



**INDICATIONS**

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

**CONTRAINDICATIONS**

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products and contraindicated in patients presenting with severe hyponatraemia.*



## Compound Sodium Lactate (Hartmann's) & Glucose 5%

VIAFLEX BAGS

# HYPERTONIC

Sodium 129 mmol/L, Potassium 5 mmol/L, Calcium 2 mmol/L,  
Chloride 109 mmol/L, Bicarbonate as Lactate 29 mmol/L, Glucose 278 mmol/L

Product Code	AHB2074
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



## INDICATIONS

*The Hartmann's and modified Hartmann's IV Infusion is indicated as a source of water and electrolytes. It is also used in patients as a source of bicarbonate in the treatment of mild to moderate metabolic acidosis associated with dehydration or associated with potassium deficiency. These solutions are indicated as methods of intravenous drug delivery, if the drugs are compatible with the solutions.*

## CONTRAINDICATIONS

*The Hartmann's IV and modified Hartmann's IV Infusion is contra-indicated in patients with congestive heart failure or severe impairment of renal function. Also in a clinical states in which the administration of sodium and chloride is detrimental.*





AUSTRALIA ONLY

Darrow's Solution

VIAFLEX BAGS

## ISOTONIC

Sodium 120 mmol/L, Potassium 35 mmol/L, Chloride 102 mmol/L,  
Bicarbonate as lactate 53 mmol/L

Product Code	AHB2814
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12





Osmitol

VIAFLEX BAGS

## HYPERTONIC

Mannitol 549 mmol/L

Product Code	AHB3026
Strength	10%
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12

## HYPERTONIC

Mannitol 1098 mmol/L

Product Code	AHB3025
Strength	20%
Volume	500 mL
Shelf Life	24 months
Pack Factor	18

### INDICATIONS

*Osmitol Intravenous Infusion (Mannitol Intravenous Infusion, BP), can be used in:*

- The promotion of diuresis, in the prevention and/or treatment of the oliguric phase of acute renal failure before irreversible renal failure becomes established;
- The reduction of elevated intraocular pressure when the pressure cannot be lowered by other means;
- The reduction of intracranial pressure and treatment of cerebral oedema by reducing brain mass and;
- Promoting the urinary excretion of toxic substances.

### CONTRAINDICATIONS

*Osmitol Intravenous Infusion (Mannitol BP) is contraindicated in patients with:*

- Hypersensitivity to Mannitol
- Pre-existing plasma hyperosmolarity
- Severe heart failure
- Disturbance of the blood-brain barrier
- Well established anuria due to severe renal disease
- No response to test dose
- Severe pulmonary congestion or frank pulmonary oedema
- Active intracranial bleeding except during craniotomy
- Severe dehydration
- Progressive renal damage or dysfunction after institution of Mannitol therapy, including increasing oliguria and azotemia, and
- Progressive heart failure or pulmonary congestion after institution of Mannitol therapy.



## Ringer's Solution

## VIAFLEX BAGS

# ISOTONIC

Sodium 147.5 mmol/L, Potassium 4 mmol/L,  
Calcium 2.25 mmol/L, Chloride 156 mmol/L

Product Code	AHB2304
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



## INDICATIONS

Ringer's Solution is indicated for restoring the loss of water and electrolytes as required by the clinical condition of the patient.

## CONTRAINDICATIONS

Ringer's Solution is contraindicated in patients with:

- Extracellular hyperhydration or hypervolaemia
- Hypertonic dehydration
- Hyperkalaemia
- Hypernatraemia
- Hypercalcaemia
- Hyperchloraemia
- Severe renal insufficiency (with oliguria/anuria)
- Uncompensated cardiac failure
- Severe hypertension
- General oedema and ascitic cirrhosis
- Concomitant digitalis therapy



**Sodium Chloride 0.22%  
& Glucose 10%**

**VIAFLEX BAGS**

## HYPERTONIC

Sodium 38 mmol/L, Chloride 38 mmol/L,  
Glucose 555 mmol/L

Product Code	<b>AHB2026</b>
Volume	<b>500 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>18</b>



### INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



Sodium Chloride 0.225%  
& Glucose 3.75%

VIAFLEX BAGS

## ISOTONIC

Sodium 38 mmol/L, Chloride 38 mmol/L,  
Glucose 208 mmol/L

Product Code	AHB1243
Volume	500 mL
Shelf Life	24 months
Pack Factor	18



## INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

## CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products and contraindicated in patients presenting with severe hyponatraemia.*



## Sodium Chloride 0.3% & Glucose 3.3%

## VIAFLEX BAGS

### ISOTONIC

Sodium 50 mmol/L, Chloride 50 mmol/L,  
Glucose 185 mmol/L

Product Code	AHB1034
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



## Sodium Chloride 0.45% & Glucose 2.5%

## VIAFLEX BAGS

### ISOTONIC

Sodium 76 mmol/L, Chloride 76 mmol/L,  
Glucose 140 mmol/L

Product Code	AHB1023
Volume	500 mL
Shelf Life	24 months
Pack Factor	18



### INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



## Sodium Chloride 0.45% & Glucose 5%

## VIAFLEX BAGS

# HYPERTONIC

Sodium 77 mmol/L, Chloride 77 mmol/L,  
Glucose 278 mmol/L

Product Code	AHB6028
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	18



## INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

## CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*





Sodium Chloride 0.9%  
& Glucose 5%

VIAFLEX BAGS

## HYPERTONIC

Sodium 150 mmol/L, Chloride 150 mmol/L,  
Glucose 278 mmol/L

Product Code	AHB1064
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



Sodium Chloride 0.45%,  
Glucose 5% & Potassium 20mmol

VIAFLEX BAGS

## HYPERTONIC

Potassium 20 mmol/L, Glucose 278 mmol/L,  
Sodium 77 mmol/L, Chloride 97 mmol/L

Product Code	AHB6024
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



Sodium Chloride 0.45%

VIAFLEX BAGS

## HYPOTONIC

Sodium 56 mmol/L, Chloride 56 mmol/Lt

Product Code	AHB1313
Volume	500 mL
Shelf Life	24 months
Pack Factor	18



### INDICATIONS

*Hypotonic Sodium Chloride (0.45%) Intravenous Infusion is mainly used as a hydrating agent solution.*

### CONTRAINDICATIONS

*The use of Sodium Chloride Intravenous Infusion requires careful evaluation of risks and benefits by the attending physician. It must not be used in the following conditions unless the physician has determined that potential benefits outweigh risks:*

- congestive heart failure
- severe impairment of renal function,
- clinical states in which there exists oedema with sodium retention.



## Sodium Chloride 3%

## VIAFLEX BAGS

# HYPERTONIC

Sodium 500 mmol/L, Chloride 500 mmol/L

Product Code	AHB1354
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*Hypertonic Sodium Chloride (3%) Intravenous Infusion is used in the management of severe sodium chloride depletion when electrolyte restoration is required.*

### CONTRAINDICATIONS

*The use of Sodium Chloride Intravenous Infusion requires careful evaluation of risks and benefits by the attending physician. It must not be used in the following conditions unless the physician has determined that potential benefits outweigh risks:*

- congestive heart failure
  - severe impairment of renal function,
  - clinical states in which there exists oedema with sodium retention.
- See Precautions.*

*Sodium Chloride 3% Intravenous Infusion is contraindicated for electrolyte replacement in the presence of increased, normal, or only slightly decreased serum electrolyte concentrations.*



## Water For Injections

## VIAFLEX BAGS

# HYPOTONIC

Product Code	AHB0304
Volume	1,000 mL
Shelf Life	12 months
Pack Factor	12



## INDICATIONS

*Sterilised Water for Injections is employed as a vehicle for medicinal products when water is a suitable solvent for dissolving or diluting injectable therapeutic substances for parenteral administration.*

## CONTRAINDICATIONS

*Water for Injections is hypotonic causing haemolysis if it is injected alone. It is contraindicated for intravenous administration if not adjusted to isotonicity by the addition of suitable solutes.*



## Cardioplegia Solution A

## VIAFLEX BAGS

### ISOTONIC

Sodium 110 mmol/L, Magnesium 16 mmol/L, Chloride 160 mmol/L,  
Potassium 16 mmol/L, Calcium 1.2 mmol/L

Product Code	AHB7832
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

Following pH adjustment with 10 mL of Sodium Bicarbonate 8.4% w/v Injection B.P., Cardioplegia "A" Solution is used in combination with ischaemia and hypothermia to induce cardiac arrest during open heart surgery and to preserve the myocardium during asystole.

### CONTRAINDICATIONS

Cardioplegia "A" Solution must not be administered without the prior addition of sodium bicarbonate.



## Sodium Chloride 0.9%, Glucose 5% & Potassium 20mmol

VIAFLEX BAGS

# HYPERTONIC

Potassium 20 mmol/L, Glucose 278 mmol/L,  
Sodium 154 mmol/L, Chloride 174 mmol/L

Product Code	<b>AHB6066</b>
Volume	<b>1,000 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>12</b>



## INDICATIONS

*Sodium Chloride and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium and chloride ion concentrations. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

## CONTRAINDICATIONS

*The Sodium Chloride and Glucose Intravenous Infusion preparations are contra-indicated in patients with congestive heart failure or severe impairment of renal function, and in clinical states in which there exists oedema with sodium retention. Also in patients, known allergy to corn or corn products.*



## Heparin Sodium in Sodium Chloride 0.9%

## VIAFLEX BAGS

### ISOTONIC

Sodium 182 mmol/L, Chloride 150 mmol/L,  
Phosphate 16 mmol/L, Citrate 2 mmol/L

Product Code	AHB0953A	AHB0944A
Volume	1,000 IU	2,000 IU
Shelf Life	24 months	24 months
Pack Factor	18	12



### INDICATIONS

*Heparin Sodium in 0.9% Sodium Chloride Intravenous Infusion is indicated as an anticoagulant in extracorporeal circulation, dialysis procedures, and as an aid in the maintenance of catheter patency.*

### CONTRAINDICATIONS

*Heparin sodium should not be used in patients: With severe thrombocytopenia; In whom suitable blood coagulation tests – e.g., the whole-blood clotting time, partial thromboplastin time etc – cannot be performed at appropriate intervals (this contraindication refers to full-dose heparin; there is usually no need to monitor coagulation parameters in patients receiving low dose heparin);*

*With an uncontrollable active bleeding state (see Warnings), except when this is due to disseminated intravascular coagulation.*



## Potassium Chloride in Sodium Chloride 0.29%

## VIAFLEX BAGS

### ISOTONIC

Potassium 100 mmol/L, Sodium 50 mmol/L,  
Chloride 150 mmol/L

Product Code	AHB6008
Strength	10mmol
Volume	100 mL
Shelf Life	9 months
Pack Factor	48



### INDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is indicated as a source of water and to restore electrolyte balance as required by the patient's clinical condition, such as hypokalaemia.

### CONTRAINDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is contra-indicated in:

- documented hyperkalaemia, hyperchloraemia or hypernatraemia
- Potassium retention
- congestive heart failure
- severe impairment of renal function
- acidosis
- haemolysis
- Addison's disease in conjunction with potassium sparing diuretics
- clinical states in which the administration of sodium and chloride is detrimental



## Potassium Chloride in Sodium Chloride 0.58%

## VIAFLEX BAGS

### HYPERTONIC

Potassium 400 mmol/L, Sodium 150 mmol/L, Chloride 550 mmol/L

Product Code	AHB6053
Strength	40mmol
Volume	100 mL
Shelf Life	9 months
Pack Factor	48



### INDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is indicated as a source of water and to restore electrolyte balance as required by the patient's clinical condition, such as hypokalaemia.

### CONTRAINDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is contra-indicated in:

- documented hyperkalaemia, hyperchloraemia or hypernatraemia
- Potassium retention
- congestive heart failure
- severe impairment of renal function
- acidosis
- haemolysis
- Addison's disease
- in conjunction with potassium sparing diuretics
- clinical states in which the administration of sodium and chloride is detrimental

## Potassium Chloride in Sodium Chloride 0.9%

## VIAFLEX BAGS

### ISOTONIC

Potassium 20 mmol/L, Sodium 150 mmol/L  
Chloride 170 mmol/L

Product Code	AHB1764
Strength	20mmol
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### HYPERTONIC

Product Code	AHB1274	AHB6034
Strength	30mmol	40mmol
Volume	1,000 mL	1,000 mL
Shelf Life	24 months	12 months
Pack Factor	12	12
	Potassium 30 mmol/L, Sodium 150 mmol/L Chloride 184 mmol/L	Potassium 40 mmol/L, Sodium 150 mmol/L Chloride 184 mmol/L



### INDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is indicated as a source of water and to restore electrolyte balance as required by the patient's clinical condition, such as hypokalaemia.

### CONTRAINDICATIONS

The Potassium Chloride and Sodium Chloride Intravenous Infusion is contra-indicated in:

- documented hyperkalaemia, hyperchloraemia or hypernatraemia
- Potassium retention
- congestive heart failure
- severe impairment of renal function
- acidosis
- haemolysis
- Addison's disease
- in conjunction with potassium sparing diuretics
- clinical states in which the administration of sodium and chloride is detrimental



## Potassium Chloride in Sodium Chloride 0.18% and Glucose 4%

VIAFLEX BAGS

### ISOTONIC

Potassium 20 mmol/L, Sodium 30 mmol/L,  
Chloride 50 mmol/L, Glucose 222 mmol/L

Product Code	AHB1704
Strength	20mmol
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### ISOTONIC

Potassium 30 mmol/L, Sodium 30 mmol/L,  
Chloride 60 mmol/L, Glucose 222 mmol/L

Product Code	AHB1224
Strength	30mmol
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

The Potassium Chloride, Sodium Chloride, and Glucose Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of sodium, potassium and chloride ions in the body fluids. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.

### CONTRAINDICATIONS

The level of sodium and potassium in the Potassium Chloride, Sodium Chloride and Glucose Intravenous Infusion is relatively low. Nevertheless it is contraindicated in patients suffering from conditions in which the administration of either sodium chloride or potassium chloride alone is contraindicated.

Cornstarch is the raw material for the production of glucose. For patients, known to have allergy to corn or corn products, this product is contra-indicated.

## Potassium Chloride in Glucose 5%

## VIAFLEX BAGS

### ISOTONIC

Potassium 20 mmol/L, Chloride 20 mmol/L  
Glucose 278 mmol/L

Product Code	AHB1134
Strength	20mmol
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### ISOTONIC

Potassium 30 mmol/L, Chloride 30 mmol/L  
Glucose 278 mmol/L

Product Code	AHB1174
Strength	30mmol
Volume	1,000 mL
Shelf Life	24 months
Pack Factor	12



### INDICATIONS

*The Potassium Chloride in Glucose (5%) Intravenous Infusion is indicated for replenishing fluid losses, as an energy source and for restoration or maintenance of potassium and chloride ion concentrations. This is also an alternative route of administration for the patients who are unable to take potassium orally or if hypokalaemia is severe. It may be used as a vehicle of drug delivery where intravenous delivery is appropriate and the drug is compatible with this solution.*

### CONTRAINDICATIONS

*Although the level of potassium ions in the Potassium Chloride in Glucose (5%) Intravenous Infusion is relatively low, administration of this product is contraindicated in patients suffering from renal impairment with oliguria, anuria or azotemia; untreated chronic adrenocortical insufficiency (Addison disease); hyperadrenalism associated with adrenogenital syndrome; extensive tissue breakdown such as in severe burns; hyperkalaemia of any form. Potassium is contraindicated in patients having a disease associated with abnormality of AV conduction in the heart, because an increase potassium level (hyperkalaemia) may worsen the degree of this heart block syndrome. Cornstarch is the raw material for the production of glucose. Therefore, for patients known to have an allergy to corn, or corn products, the Potassium Chloride in Glucose (5%) Intravenous Infusion is contra-indicated.*



## Potassium Chloride in Compound Sodium Lactate (Hartmann's)

VIAFLEX BAGS

### ISOTONIC

Sodium 129 mmol/L, Potassium 30 mmol/L, Calcium 2 mmol/L,  
Chloride 134 mmol/L, Bicarbonate as lactate 29 mmol/L

Product Code	<b>AHB2954</b>
Strength	<b>30mmol</b>
Volume	<b>1,000 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>12</b>



### INDICATIONS

*The Hartmann's and modified Hartmann's IV Infusion is indicated as a source of water and electrolytes. It is also used in patients as a source of bicarbonate in the treatment of mild to moderate metabolic acidosis associated with dehydration or associated with potassium deficiency. These solutions are indicated as methods of intravenous drug delivery, if the drugs are compatible with the solutions.*

### CONTRAINDICATIONS

*The Hartmann's IV and modified Hartmann's IV Infusion is contra-indicated in patients with congestive heart failure or severe impairment of renal function. Also in a clinical states in which the administration of sodium and chloride is detrimental.*



## Lactated Ringers for Irrigation

## VIAFLEX BAGS

Sodium 129 mmol/L, Potassium 5 mmol/L, Calcium 2 mmol/L,  
Chloride 109 mmol/L, Bicarbonate as lactate 29 mmol/L

Product Code	<b>AHB7487</b>
Volume	<b>3,000 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>4</b>



### INDICATIONS

*Lactated Ringer's Irrigation is indicated for use as an arthroscopic irrigating fluid with endoscopic instruments during arthroscopic procedures requiring distension and irrigation of the knee, shoulder, elbow, or other bone joints.*

### CONTRAINDICATIONS

*None known.*



## Water for Irrigation

## STERIPOUR BOTTLE/UROMATIC BAGS

Product Code	<b>AHF7974</b>	<b>AHF7113</b>	<b>AHF7114</b>
Volume	<b>100 mL</b>	<b>500 mL</b>	<b>1,000 mL</b>
Shelf Life	<b>36 months</b>	<b>36 months</b>	<b>36 months</b>
Pack Factor	<b>24</b>	<b>15</b>	<b>10</b>



Product Code	<b>AHB7606</b>	<b>AHB7117</b>
Volume	<b>2,000 mL</b>	<b>3,000 mL</b>
Shelf Life	<b>18 months</b>	<b>18 months</b>
Pack Factor	<b>6</b>	<b>4</b>



### INDICATIONS

*Water for Irrigation is indicated as a general irrigating solution for washing and rinsing of body cavities, indwelling urethral catheter, or an alternative washing solution for wounds during a minor surgical procedure.*

*For these indications the user should be aware that a fraction of the Water for Irrigation may enter systemic circulation. See Precautions*

### CONTRAINDICATIONS

*Water for Irrigation should not be used for injection. Its entry into systemic circulation via open blood vessels during a surgical procedure causes haemolysis. Thus, the use of this product during a major surgical procedure, or in a procedure where significant amounts may be absorbed, is contraindicated.*

*Do not use unless the solution is clear and the seal intact.*





## Ringers for Irrigation

## STERIPOUR BOTTLE

Sodium 147.5 mmol/L, Potassium 4 mmol/L,  
Calcium 2.25 mmol/L, Chloride 156 mmol/L

Product Code	AHF7163	AHF7164
Volume	500 mL	1,000 mL
Shelf Life	36 months	36 months
Pack Factor	15	10



### INDICATIONS

*Ringer's Irrigation solution is indicated for the cleansing and flushing of wounds. See Pharmacology section.*

### CONTRAINDICATIONS

*Ringer's for Irrigation should not be used for Injection. The use of this product during a major surgical procedure, or in a procedure where significant amounts may be absorbed, is contraindicated.*



## Glycine 1.5% Irrigation

## UROMATIC BAG

Glycine 200 mmol/L

Product Code	AHB7316	AHB7317
Volume	2,000 mL	3,000 mL
Shelf Life	24 months	24 months
Pack Factor	6	4



### INDICATIONS

The Glycine Irrigation Solution is indicated for use as a urological irrigating solution with endoscopic instruments during transurethral procedures requiring distension, irrigation and lavage of the urinary bladder.

### CONTRAINDICATIONS

1. Not for intravenous injection or injection by other usual parenteral routes.
2. The Glycine Irrigation Solution is contraindicated in anuric patients.
3. Do not administer unless the solution is clear and the seal intact.

## Sodium Chloride 0.9% Irrigation

## STERIPOUR BOTTLE /UROMATIC BAG

Sodium 150 mmol/L, Chloride 150 mmol/L

Product Code	<b>AHF7975</b>	<b>AHF7123</b>	<b>AHF7124</b>
Volume	<b>100 mL</b>	<b>500 mL</b>	<b>1,000 mL</b>
Shelf Life	<b>36 months</b>	<b>36 months</b>	<b>36 months</b>
Pack Factor	<b>24</b>	<b>15</b>	<b>10</b>



Product Code	<b>AHB7616</b>	<b>AHB7127</b>
Volume	<b>2,000 mL</b>	<b>3,000 mL</b>
Shelf Life	<b>24 months</b>	<b>24 months</b>
Pack Factor	<b>6</b>	<b>4</b>



### INDICATIONS

*Sodium Chloride for Irrigation Solution is indicated for use as a sterile, non-pyrogenic, isotonic cleansing solution in general surgical procedures (e.g., irrigation of body cavities, tissues or wounds, indwelling urethral catheters, surgical drainage tubes).*

### CONTRAINDICATIONS

- Not for intravenous injection or injection by other usual parenteral routes.
- This irrigation solution is contraindicated in patients undergoing electrosurgical procedures.
- Do not use unless the solution is clear and the seal is intact.



**Chlorhexidine 0.02%**

**STERIPOUR BOTTLE**

Product Code	AHF7976	AHF7980
Volume	100 mL	500 mL
Shelf Life	24 months	24 months
Pack Factor	24	15



**INDICATIONS**

*Chlorhexidine Acetate Antiseptic solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds and the antiseptic treatment of burns.*

**CONTRAINDICATIONS**

*Known hypersensitivity to chlorhexidine or methylene blue. Chlorhexidine Acetate Antiseptic Solution should not be used for Injection.*



## Chlorhexidine 0.05%

## STERIPOUR BOTTLE

Product Code	AHF7977	AHF7983
Volume	100 mL	500 mL
Shelf Life	24 months	24 months
Pack Factor	24	15



### INDICATIONS

*Chlorhexidine Acetate Antiseptic solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds and the antiseptic treatment of burns.*

### CONTRAINDICATIONS

*Known hypersensitivity to chlorhexidine or methylene blue. Chlorhexidine Acetate Antiseptic Solution should not be used for Injection.*



## Chlorhexidine 0.1%

## STERIPOUR BOTTLE

Product Code	<b>AHF7978</b>
Volume	<b>100 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>24</b>



### INDICATIONS

*Chlorhexidine Acetate Antiseptic solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds and the antiseptic treatment of burns.*

### CONTRAINDICATIONS

*Known hypersensitivity to chlorhexidine or methylene blue. Chlorhexidine Acetate Antiseptic Solution should not be used for Injection.*

**Chlorhexidine 0.015%  
& Cetrимide 0.15%**

**STERIPOUR BOTTLE**

Product Code	AHF7971	AHF7970
Volume	100 mL	500 mL
Shelf Life	24 months	24 months
Pack Factor	24	15



**INDICATIONS**

*Chlorhexidine Acetate with Cetrимide Antiseptic Solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds as an antiseptic treatment for burns.*

**CONTRAINDICATIONS**

*Known hypersensitivity to Chlorhexidine or Cetrимide. Chlorhexidine Acetate with Cetrимide Antiseptic Solution should not be used for Injection.*



**Chlorhexidine 0.1%  
& Cetrimide 1%**

**STERIPOUR BOTTLE**

Product Code	<b>AHF7973</b>
Volume	<b>100 mL</b>
Shelf Life	<b>24 months</b>
Pack Factor	<b>24</b>



**INDICATIONS**

*Chlorhexidine Acetate with Cetrimide Antiseptic Solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds as an antiseptic treatment for burns.*

**CONTRAINDICATIONS**

*Known hypersensitivity to Chlorhexidine or Cetrimide. Chlorhexidine Acetate with Cetrimide Antiseptic Solution should not be used for Injection.*





**Chlorhexidine 0.05%  
& Cetrimide 0.5%**

**STERIPOUR BOTTLE**

Product Code	AHF7979	AHF7988
Volume	100 mL	500 mL
Shelf Life	24 months	24 months
Pack Factor	24	15



**INDICATIONS**

*Chlorhexidine Acetate with Cetrimide Antiseptic Solution is used as a general antiseptic. It is used for the cleaning and disinfecting of wounds as an antiseptic treatment for burns.*

**CONTRAINDICATIONS**

*Known hypersensitivity to Chlorhexidine or Cetrimide. Chlorhexidine Acetate with Cetrimide Antiseptic Solution should not be used for Injection.*



## Sodium Chloride 0.9% (SLUSH)

## FLEXIBLE BAG

Product Code	<b>2B7231K</b>
Volume	<b>1,000 mL</b>
Pack Factor	<b>6</b>



### INDICATIONS

*Slushed solution is used to create regional hypothermia in order to reduce and minimize manifestations of warm temperature ischemia. Temperature probes may be used to determine requirements for replacement or addition of slushed solution.*

### CONTRAINDICATIONS

*None known.*



VIAFLO

FLEXIBLE NON-PVC BAG

Code no.	Description	Pack Size (mL)	Shelf Life (Store below 25°C)	Pack
BSE00	VIAFLO 5% Glucose IV	100	24 months	
BSE0062		250	18 months	
BSE0063		500	24 months	
BSE1306G	VIAFLO 0.9% Sodium Chloride IV	50	15 months	
BSE1307G		100	18 months	
BSE1322		250	24 months	
BSE1323		500	24 months	

**PRODUCT HIGHLIGHTS:**

- Non PVC, non DEHP, Latex free triple layered flexible bag
- Compared to Vialflex, Viaflo shows increased compatibility performance for Diazepam, Nitroglycerine, Isosorbide, Propofol and Paclitaxel.

The Viaflo container is a flexible fluid container made of three-layers of co-extruded film that includes an internal layer of polyethylene (PE), a core layer composed of polyamide (PA), and an external layer of polypropylene (PP).

The inner layer of PE, consisting of an inert material, is in direct contact with the solution contained within the Viaflo bag. This provides an optimum compatibility with a wide portfolio of solutions and drugs.

