



## **SYNTHAMIN (AMINO ACID) AND GLUCOSE (%) INTRAVENOUS INFUSION WITH AND WITHOUT ELECTROLYTES**

### Consumer Medicine Information

#### **What is in this leaflet?**

**This leaflet answers some common questions about Synthamin and Glucose Intravenous Infusion.**

It does not contain all the available information.

It does not take the place of talking to your doctor or pharmacist.

All medicines have risks and benefits. Your doctor has weighed the risks of you being given Synthamin and Glucose Intravenous Infusion against the benefits he or she expects it will have for you.

**If you have any concerns about being given this medicine, ask your doctor or pharmacist.**

**Keep this leaflet in a safe place.** You may need to read it again.

#### **What Synthamin and Glucose Intravenous Infusion is used for.**

Synthamin Intravenous Infusion is a mixture of 15 amino acids and Glucose in solution.

Amino acids are the building blocks for proteins. Glucose is a source of energy. Proteins are essential for maintaining the body's normal functions. Glucose is used to provide energy for the body to help it use the amino acids to make proteins.

Synthamin and Glucose Intravenous Infusion is used to provide a source of amino acids and energy where:

- The patient cannot take food by mouth. This may be because they have had surgery to remove their stomach or some other part of their digestive tract, or because they have an illness that prevents them from taking food by mouth.
- There is a problem with amino acids or proteins being absorbed from the patients digestive tract
- The patient has a condition where they are using greater than normal amounts of nutrients including proteins. This would occur for example in patients with severe burns.

Your doctor may have prescribed Synthamin and Glucose Intravenous Infusion for another reason. Ask your doctor if you have any questions about why this medicine has been prescribed for you.

### **Before you are given Synthamin and Glucose Intravenous Infusion**

#### **Synthamin Intravenous Infusion should not be given to you if:**

- You have severe liver disease
- You have had an allergic reaction to any of the ingredients of Synthamin Intravenous Solution. Some of the symptoms of an allergic reaction may include skin rash, swelling of the face, lips or tongue which may cause difficulty swallowing or shortness of breath.
- You suffer from kidney disease and/or are not producing any urine. (For solutions containing electrolytes)

#### **You must tell your doctor if:**

- You suffer from liver disease
- You suffer from kidney disease and/or are being treated with peritoneal dialysis
- You suffer from heart failure
- You have diabetes
- You are pregnant or are planning to become pregnant
- You are breast feeding
- You are taking corticosteroids such as prednisone or cortisone
- You are taking any other medicine, including anything that you bought without a prescription from your pharmacy, supermarket or health food shop

Your doctor may carry out blood or other tests before and during your treatment with Synthamin Intravenous Infusion. This is to help your doctor monitor how the treatment is going.

## **How Synthamin and Glucose Intravenous Infusion is given.**

**Synthamin and Glucose Intravenous Infusion is given as an injection directly into your vein. It is generally given via a large vein. Your doctor or other health professional knows which of your veins to use. Usually you will need to stay in a health institution such as a hospital or nursing home as special equipment is required to deliver the medicine into your circulation.**

Your doctor will decide how much Synthamin and Glucose Intravenous Infusion you should be given. This will depend on why you are being given it, and on your condition at the time you are given it.

## **Side Effects**

As with any medicine, some side effects may occur with Synthamin and Glucose Intravenous Infusion. These may include:

- Yellowing of the skin or eyes, also called jaundice (in children)
- Infection around the site of injection. A fever could be a sign of an infection.
- Too much or too little acid in the blood
- Too much glucose in the blood or glucose in the urine
- Too little or too much of certain vitamins, minerals and other substances in the blood
- Excess production of urine and dehydration

Other side effects not listed above may also occur in some patients. Tell your doctor if you notice anything else that is making you feel unwell. Do not be alarmed by this list of possible side effects. You may not experience any of them.

## **Storage**

Synthamin and Glucose Intravenous Infusion should be stored below 30°C. It should be protected from light until use, for example by keeping it in the outer carton with the top closed.

## **Product Description**

### **What does Synthamin and Glucose Intravenous Infusion look like?**

Synthamin and Glucose Intravenous Solution is supplied in a Viaflex plastic bag. It is a clear solution, with a slight yellow colour.

## **Ingredients**

There are several strengths of Synthamin and Glucose Intravenous Solution.

**Active Ingredients:**

	Synthamin 13 and Glucose 50% with Electrolytes	Synthamin 17 and Glucose 25% with Electrolytes	Synthamin 17 and Glucose 50% with Electrolytes	Synthamin 17 and Glucose 50% without Electrolytes	Synthamin 17 and Glucose 70% without Electrolytes
<b>Product Code</b>	AHB6337A AHB6338	AHB6350A	AHB6351A	AHB6998A	AHB6999A
<b>Glucose Content (g/L)</b>	250	125	250	250	350
<b>Amino Acid Content (%)</b>	8.0	10	10	10	10
<b>Essential Amino Acids (grams per litre)</b>					
L-Leucine	2.92	3.65	3.65	3.65	3.65
L-Phenylalanine	2.24	2.8	2.8	2.8	2.8
L-Methionine	1.6	2.0	2.0	2.0	2.0
L-Lysine (as HCl)	2.32	2.9	2.9	2.9	2.9
L-Isoleucine	2.4	3.0	3.0	3.0	3.0
L-Valine	2.32	2.9	2.9	2.9	2.9
L-Histidine	1.92	2.4	2.4	2.4	2.4
L-Threonine	1.68	2.1	2.1	2.1	2.1
L-Tryptophan	0.72	0.9	0.9	0.9	0.9
<b>Nonessential Amino Acids (grams per litre)</b>					
L-Alanine	8.3	10.35	10.35	10.35	10.35
L-Glycine	4.12	5.15	5.15	5.15	5.15
L-Arginine	4.6	5.75	5.75	5.75	5.75
L-Proline	2.72	3.4	3.4	3.4	3.4
L-Tyrosine	0.16	0.2	0.2	0.2	0.2
L-Serine	2.0	2.5	2.5	2.5	2.5
<b>Electrolytes (grams per litre)</b>					
Sodium Acetate	3.40	3.40	3.40	-	-
Dibasic Potassium Phosphate	2.61	2.61	2.61	-	-
Sodium Chloride	0.585	0.585	0.585	-	-
Magnesium Chloride	0.51	0.51	0.51	-	-

## **Inactive Ingredients:**

Sodium Metabisulfite  
Glacial Acetic Acid  
Hydrochloric Acid  
Water for Injections

## **Where can you get more information?**

You can get more information from your doctor or pharmacist.

## **Manufacturer:**

Synthamin and Glucose Intravenous Infusion is manufactured and supplied in Australia by:

Baxter Healthcare Pty Ltd  
1 Baxter Drive  
Old Toongabbie NSW 2146  
Australia

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## **AUST R Numbers**

Code	Strength	Volume	ARTG Number
AHB6337A	Synthamin 13 Amino Acid (8%) and Glucose 50% with Electrolytes	1000mL	AUST R 19605
AHB6338	Synthamin 13 Amino Acid (8%) and Glucose 50% with electrolytes	2000 mL	AUST R 19607
AHB6350A	Synthamin 17 Amino Acid (10%) and Glucose 25% with Electrolytes	1000 mL	AUST R 19609
AHB6351A	Synthamin 17 Amino Acid (10%) and Glucose 50% with Electrolytes	1000 mL	AUST R 19610
AHB6998A	Synthamin 17 Amino Acid (10%) and Glucose 50% without Electrolytes	1000 mL	AUST R 19612
AHB6999A	Synthamin 17 Amino Acid (10%) and Glucose 70% without Electrolytes	1000 mL	AUST R 19617

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