

Magnesium Sulfate Heptahydrate 50% Concentrated Injection

Consumer Medicine Information (CMI) summary

The [full CMI](#) on the next page has more details. If you are worried about using this medicine, speak to your doctor or pharmacist.

1. Why is Magnesium Sulfate Heptahydrate 50% Concentrated Injection being given?

Magnesium Sulfate Heptahydrate 50% Concentrated Injection contains the active ingredient magnesium sulfate heptahydrate, which is used to quickly increase the amount of magnesium in your body.

For more information, see Section [1. Why is Magnesium Sulfate Heptahydrate 50% Concentrated Injection being given?](#) in the full CMI.

2. What should I know before I am given Magnesium Sulfate Heptahydrate?

Do not use if you ever have a slow or irregular heartbeat, kidney disease, liver disease or an allergic reaction to magnesium sulfate heptahydrate or any of the ingredients listed at the end of the CMI.

Talk to your doctor if you have any other medical conditions, take any other medicines, or are pregnant or plan to become pregnant or are breastfeeding.

For more information, see Section [2. What should I know before Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given?](#) in the full CMI.

3. What if I am using other medicines?

Some medicines may interfere with Magnesium Sulfate Heptahydrate 50% Concentrated Injection and affect how it works.

A list of these medicines is in Section [3. What if I am using other medicines?](#) in the full CMI.

4. How is Magnesium Sulfate Heptahydrate 50% Concentrated Injection given?

Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given as an injection into a muscle or infusion into a vein by a doctor or nurse.

More instructions can be found in Section [4. How is Magnesium Sulfate Heptahydrate 50% Concentrated Injection given?](#) in the full CMI.

5. What should I know while using Magnesium Sulfate Heptahydrate 50% Injection?

Things you should do	<ul style="list-style-type: none"> Tell any doctor, dentist or pharmacist you visit that you are having Magnesium Sulfate Heptahydrate 50% Concentrated Injection.
Driving or using machines	<ul style="list-style-type: none"> Be careful driving or operating machinery until you know how Magnesium Sulfate Heptahydrate 50% Concentrated Injection affects you.
Looking after the medicine	<ul style="list-style-type: none"> Magnesium Sulfate Heptahydrate 50% Concentrated Injection will be stored in the pharmacy, or on the ward of a hospital. Your doctor, nurse and pharmacist are responsible for its storage and disposal.

For more information, see Section [5. What should I know while using Magnesium Sulfate Heptahydrate 50% Concentrated Injection?](#) in the full CMI.

6. Are there any side effects?

All medicines have side effects. Common side effects include pain or irritation at the injection site, nausea or vomiting, flushing, dizziness or fainting due to low blood pressure, drowsiness and muscle weakness. Some serious side effects include breathing difficulties, blurred or double vision, chest pain, irregular heartbeat.

For more information, including what to do if you have any side effects, see Section [6. Are there any side effects?](#) in the full CMI.

Magnesium Sulfate Heptahydrate 50% Concentrated Injection

Active ingredient: *magnesium sulfate heptahydrate*

Consumer Medicine Information (CMI)

This leaflet provides important information about using Magnesium Sulfate Heptahydrate. **You should also speak to your doctor or pharmacist if you would like further information or if you have any concerns or questions about using Magnesium Sulfate Heptahydrate 50% Concentrated Injection.**

Where to find information in this leaflet:

1. [Why is Magnesium Sulfate Heptahydrate 50% Concentrated Injection being given?](#)
2. [What should I know before Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given?](#)
3. [What if I am using other medicines?](#)
4. [How is Magnesium Sulfate Heptahydrate 50% Concentrated Injection given?](#)
5. [What should I know while using Magnesium Sulfate Heptahydrate 50% Concentrated Injection?](#)
6. [Are there any side effects?](#)
7. [Product details](#)

1. Why is Magnesium Sulfate Heptahydrate 50% Concentrated Injection being given?

Magnesium Sulfate Heptahydrate 50% Concentrated Injection contains the active ingredient magnesium sulfate heptahydrate.

Magnesium Sulfate Heptahydrate 50% Concentrated Injection is used to:

- quickly increase the amount of magnesium in your body to treat acute hypomagnesaemia (low levels of magnesium in the body)
- prevent and treat life-threatening seizures associated with high blood pressure during pregnancy
- lower potassium levels in the blood
- act as a source of nutrition for a patient fed only by intravenous means

Ask your doctor if you have any questions about why Magnesium Sulfate Heptahydrate 50% Concentrated Injection has been prescribed for you. Your doctor may have prescribed it for another reason.

2. What should I know before Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given?

Warnings

You should not be given Magnesium Sulfate Heptahydrate 50% Concentrated Injection if:

- you are allergic to any medicine containing magnesium or magnesium sulfate heptahydrate.
- you are allergic to any of the ingredients listed at the end of this leaflet.
- you are breast-feeding. Magnesium passes into breast milk and there is a possibility your baby may be affected.
- you have slow or irregular heartbeat.
- you have kidney disease.
- you have liver disease.
- the solution is discoloured, cloudy, turbid, or a precipitate is present.

Check with your doctor if you:

- have allergies to any other medicines, foods, preservatives or dyes.
- have or have had any liver, kidney problems and any other medical conditions.
- have myasthenia gravis, a condition in which the muscles become weak and tire easily.
- take any medicines for any other condition.

If you are not sure whether you should be given this medicine, talk to your doctor.

During treatment, you may be at risk of developing certain side effects. It is important you understand these risks and how to monitor for them. See additional information under Section [6. Are there any side effects?](#)

Pregnancy and breastfeeding

Check with your doctor if you are pregnant or are experiencing any symptoms of labour. Your doctor can discuss with you the risks and benefits involved.

If you have not told your doctor about any of the above, tell him/her before you are given Magnesium Sulfate Heptahydrate 50% Concentrated Injection.

Talk to your doctor if you are breastfeeding or intend to breastfeed.

Your doctor can discuss with you the risks and benefits involved.

3. What if I am using other medicines?

Tell your doctor or pharmacist if you are taking any other medicines, including any medicines, vitamins or supplements that you buy without a prescription from your pharmacy, supermarket or health food shop.

Some medicines may interfere with Magnesium Sulfate Heptahydrate 50% Concentrated Injection and affect how it works. These include:

- medicines used to treat heart failure called cardiac glycosides such as digoxin
- medicines used to treat heart disease such as nifedipine
- medicines used as central nervous system depressants
- medicines used with anaesthetics to relax the muscles called neuromuscular blocking agents

These medicines may be affected by Magnesium Sulfate Heptahydrate or may affect how well it works. You may need different amounts of your medicine, or you may need to take different medicines.

Check with your doctor or pharmacist if you are not sure about what medicines, vitamins or supplements you are taking and if these affect Magnesium Sulfate Heptahydrate 50% Concentrated Injection.

4. How is Magnesium Sulfate Heptahydrate 50% Concentrated Injection given?

How much to be given

Magnesium Sulfate Heptahydrate 50% Concentrated Injection must only be given by a doctor or a nurse.

- Your doctor will decide what dose of Magnesium Sulfate Heptahydrate 50% Concentrated Injection you will receive and how long you will receive it for. This depends on your medical condition and other factors, such as your weight.
- Sometimes only a single dose of Magnesium Sulfate Heptahydrate 50% Concentrated Injection is required.

How is Magnesium Sulfate Heptahydrate 50% Concentrated Injection given

- Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given by mixing it with other fluids and then infusing it into a vein.
- Magnesium Sulfate Heptahydrate 50% Concentrated Injection can also be injected into a muscle.

If too much Magnesium Sulfate Heptahydrate 50% Concentrated Injection is given

Magnesium Sulfate Heptahydrate 50% Concentrated Injection must only be given by a doctor or nurse, so an overdose is not likely to occur.

Some medical conditions may result in too much magnesium in your blood. Your doctor or nurse will monitor the level of magnesium in your blood.

Symptoms of an overdose may include the side effects listed under Section [6. Are there any side effects?](#)

If you experience serious side effects, you should immediately:

- phone the Poisons Information Centre (by calling 13 11 26), or
- contact your doctor, or
- go to the Emergency Department at your nearest hospital.

You should do this even if there are no signs of discomfort or poisoning.

5. What should I know while using Magnesium Sulfate Heptahydrate 50% Concentrated Injection?

Things you should do

Be sure to keep all your doctor's appointments and follow-up appointments so that your progress can be checked. It is important to have your follow-up infusions of Magnesium Sulfate Heptahydrate 50% Concentrated Injection at the appropriate times to get the best effect from your treatments and to prevent any unwanted side effects.

Tell your doctor or nurse giving you this medicine if you:

- are about to be started on any new medicine.
- are going to have surgery. It may affect other medicines used during surgery.
- are about to have any blood tests as it may interfere with the results of some tests.

Remind any doctor, dentist or pharmacist you visit that you are using Magnesium Sulfate Heptahydrate 50% Concentrated Injection.

Driving or using machines

Be careful driving or operating machines or tools until you know how Magnesium Sulfate Heptahydrate 50% Concentrated Injection affects you.

This medicine may cause dizziness or light-headedness in some people.

If you feel light-headed, dizzy or faint when getting out of bed or standing up, get up slowly.

Standing up slowly, especially when you get up from bed or chairs, will help your body get used to the change in position and blood pressure. If this problem continues, or gets worse, talk to your doctor.

Looking after your medicine

- Your doctor, nurse or pharmacist is responsible for storing and discarding any unused solution after your treatment and disposing any packs that are out of date. It will be used only once and then it will be discarded.

Magnesium Sulfate Heptahydrate 50% Concentrated Injection will be stored in the pharmacy, or on the ward of a hospital. The injection is kept in a cool dry place where the temperature stays below 25°C.

6. Are there any side effects?

All medicines can have side effects. If you do experience any side effects, most of them are minor and temporary. However, some side effects may need medical attention.

See the information below and, if you need to, ask your doctor or pharmacist if you have any further questions about side effects.

Do not be alarmed by the following list of side effects. You may not experience any of them.

Side effects

Less serious side effects	What to do
General symptoms: <ul style="list-style-type: none"> drowsiness, dizziness or light-headedness Skin related: <ul style="list-style-type: none"> pain or irritation at the injection site redness of the face and neck 	Speak to your doctor if you have any of these less serious side effects and they worry you.

Serious side effects

Serious side effects	What to do
Nervous system: <ul style="list-style-type: none"> nausea and vomiting blurred vision or double vision Respiratory system: <ul style="list-style-type: none"> breathing difficulties Cardiovascular system: <ul style="list-style-type: none"> chest pain irregular or slow heartbeat Muscle related: <ul style="list-style-type: none"> a feeling of weakness in the muscles or loss of muscle movement 	Call your doctor or nurse straight away or go straight to the Emergency Department at your nearest hospital if you notice any of these serious side effects.

Signs of allergic reactions:	
<ul style="list-style-type: none"> shortness of breath wheezing or difficulty breathing swelling of the face, lips, tongue or other parts of the body rash, itching or hives on the skin 	

The above list includes very serious side effects. You may need urgent medical attention or hospitalisation. These side effects are very rare.

Tell your doctor or pharmacist if you notice anything else that may be making you feel unwell.

Other side effects not listed here may occur in some people. Some of these side effects can only be found when your doctor does tests from time to time to check your progress.

Reporting side effects

After you have received medical advice for any side effects you experience, you can report side effects to the Therapeutic Goods Administration online at www.tga.gov.au/reporting-problems. By reporting side effects, you can help provide more information on the safety of this medicine.

Always make sure you speak to your doctor or pharmacist before you decide to stop taking any of your medicines.

7. Product details

This medicine is only available with a doctor's prescription.

What Magnesium Sulfate Heptahydrate 50% Concentrated Injection contains

Active ingredient (main ingredient)	magnesium sulfate heptahydrate
Other ingredients (inactive ingredients)	water for injections

Magnesium Sulfate Heptahydrate 50% Concentrated Injection does not contain lactose, sucrose, gluten, tartrazine, alcohol, dyes or any other preservatives.

Do not take this medicine if you are allergic to any of these ingredients.

What Magnesium Sulfate Heptahydrate 50% Concentrated Injection looks like

Magnesium Sulfate Heptahydrate 50% Concentrated Injection is a clear, colourless solution in a clear glass vial. The vial stopper is not made with natural rubber latex.

Magnesium Sulfate Heptahydrate 50% Concentrated Injection is supplied in two quantities:

- 5 mL vial in a pack of 10 (AUST R 23076)
- 10 mL vial in a pack of 10 (AUST R 160885)

**Who distributes Magnesium Sulfate
Heptahydrate 50% Concentrated Injection**

Phebra Pty Ltd
17-19 Orion Road
Lane Cove West, NSW 2066
Australia

Telephone: 1800 720 020

This leaflet was prepared in September 2025.

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