Magnesium Sulfate Heptahydrate 50% Medsurge 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 am I using Magnesium Sulfate Heptahydrate 50% Medsurge?

Magnesium Sulfate Heptahydrate 50% Medsurge contains the active ingredient Magnesium Sulfate Heptahydrate. Magnesium Sulfate Heptahydrate 50% Medsurge is used to quickly increase the amount of magnesium in your body. Other reasons for treatment with Magnesium Sulfate Heptahydrate 50% Medsurge are: the prevention and treatment of life-threatening seizures associated with high blood pressure during pregnancy, low potassium levels in the blood, to act as a source of nutrition for a patient fed only by intravenous means.

For more information, see Section 1. Why am I using Magnesium Sulfate Heptahydrate 50% Medsurge? in the full CMI.

2. What should I know before I use Magnesium Sulfate Heptahydrate 50% Medsurge?

Do not use if you have ever had an allergic reaction to medicines containing magnesium 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 I use Magnesium Sulfate Heptahydrate 50% Medsurge? in the full CMI.

3. What if I am taking other medicines?

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

A list of these medicines is in Section 3. What if I am taking other medicines? in the full CMI.

4. How do I use Magnesium Sulfate Heptahydrate 50% Medsurge?

- Your doctor will decide what dose of Magnesium Sulfate Heptahydrate 50% Medsurge you will receive and how long you will receive it for.

More instructions can be found in Section 4. How do I use Magnesium Sulfate Heptahydrate 50% Medsurge? in the full CMI.

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

Things you should do	• Remind any doctor, dentist or nurse you visit that you are using Magnesium Sulfate Heptahydrate 50% Medsurge.
Driving or using machines	• Be careful driving or operating machinery until you know how Magnesium Sulfate Heptahydrate 50% Medsurge Concentrated Injection affects you. This medicine may cause drowsiness, dizziness or light-headedness in some people.
Looking after your medicine	• Magnesium Sulfate Heptahydrate 50% Medsurge 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.

For more information, see Section 5. What should I know while using Magnesium Sulfate Heptahydrate 50% Medsurge? in the full CMI.

6. Are there any side effects?

Common side effects are pain or irritation at the injection site usually following intramuscular injection.

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% Medsurge Concentrated Injection

Active ingredient(s): *magnesium sulfate heptahydrate*

Consumer Medicine Information (CMI)

This leaflet provides important information about using Magnesium Sulfate Heptahydrate 50% Medsurge concentrated injection. **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% Medsurge.**

Where to find information in this leaflet:

1. Why am I using Magnesium Sulfate Heptahydrate 50% Medsurge?
2. What should I know before I use Magnesium Sulfate Heptahydrate 50% Medsurge?
3. What if I am taking other medicines?
4. How do I use Magnesium Sulfate Heptahydrate 50% Medsurge?
5. What should I know while using Magnesium Sulfate Heptahydrate 50% Medsurge?
6. Are there any side effects?
7. Product details

1. Why am I using Magnesium Sulfate Heptahydrate 50% Medsurge?

Magnesium Sulfate Heptahydrate 50% Medsurge contains the active ingredient magnesium sulfate heptahydrate. Magnesium Sulfate Heptahydrate 50% Medsurge is used to quickly increase the amount of magnesium in your body. Other reasons for treatment with Magnesium Sulfate Heptahydrate 50% Medsurge are:

- the prevention and treatment of life-threatening seizures associated with high blood pressure during pregnancy
- low potassium levels in the blood
- to act as a source of nutrition for a patient fed only by intravenous means.

Magnesium Sulfate Heptahydrate 50% Medsurge works by providing a source of magnesium for your body to use.

2. What should I know before I use Magnesium Sulfate Heptahydrate 50% Medsurge?

Warnings

Do not use Magnesium Sulfate Heptahydrate 50% Medsurge if:

- you are allergic to magnesium or magnesium sulfate heptahydrate, or any of the ingredients listed at the end of this leaflet.
  Some symptoms of an allergic reaction may include:
  - 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.
- you have heart block
- you have severe kidney disease

Pregnancy and breastfeeding

Check with your doctor if you are pregnant or intend to become pregnant.

Talk to your doctor if you are breastfeeding or intend to breastfeed.
Magnesium passes into breast milk and there is a possibility your baby may be affected.

Tell your doctor if you have or have had any of the following medical conditions:

- kidney problems
- liver problems
- myasthenia gravis, a condition in which the muscles become weak and tired easily.

3. What if I am taking 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 and affect how it works.

- 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.
Your doctor and pharmacist have more information on medicines to be careful with or avoid while being given Magnesium Sulfate Heptahydrate 50% Medsurge.

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% Medsurge.

4. How do I use Magnesium Sulfate Heptahydrate 50% Medsurge?

How much to take / use

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

Magnesium Sulfate Heptahydrate 50% Medsurge is given by mixing it with other fluids and then infusing it into a vein.

Magnesium Sulfate Heptahydrate 50% Medsurge can also be injected into a muscle.

Your doctor will decide what dose of Magnesium Sulfate Heptahydrate 50% Medsurge you will receive and how long you will receive it for. This depends on your medical condition and other factors, such as your weight.

If you use too much Magnesium Sulfate Heptahydrate 50% Medsurge

Magnesium Sulfate Heptahydrate 50% Medsurge 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 are the same as the symptoms of the side effects that may be experienced (see Section 6) with this medicine but may be more severe.
If you think that you have used too much Magnesium Sulfate Heptahydrate 50% Medsurge, you may need urgent medical attention.

You should immediately:

- phone the National Poisons Centre **(by 0800 POISON or 0800 764 766)** 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% Medsurge?

Things you should do

If you are about to be started on any new medicine, remind your doctor and pharmacist that you have been given Magnesium Sulfate Heptahydrate 50% Medsurge.

Tell any other doctors, dentists, and pharmacists who treat you that you have been given this medicine.

If you are going to have surgery, tell the surgeon or anaesthetist that you have been given this medicine.

It may affect other medicines used during surgery.

If you are about to have any blood tests, tell your doctor that you have been given this medicine.

It may interfere with the results of some tests.

If you plan to become pregnant, tell your doctor that you have been given this medicine. Your doctor can discuss with you the risks and benefits involved.

Driving or using machines

Be careful driving or operating machinery until you know how Magnesium Sulfate Heptahydrate 50% Medsurge affects you.
This medicine may cause drowsiness, 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.

Drinking alcohol

Tell your doctor if you drink alcohol.

Looking after your medicine

- Magnesium Sulfate Heptahydrate 50% Medsurge 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.

Keep it where young children cannot reach it.

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.

Common side effects

- Pain at the injection site or irritation at the injection site usually following intramuscular injection.

Very serious side effects

Very serious side effects	What to do
• drowsiness, dizziness or light headedness • nausea and vomiting • a feeling of weakness in the muscles or loss of muscle movement • breathing difficulties • blurred vision or double vision • irregular or slow heartbeat • chest pain • redness of the face and neck.	**Call your doctor straight away, or go straight to the Emergency Department at your nearest hospital if you notice any of these very serious side effects.** **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.

Reporting side effects

After you have received medical advice for any side effects you experience, you can report side effects to the Centre for Adverse Reactions Monitoring (CARM) within the New Zealand Pharmacovigilance Centre https://pophealth.my.site.com/carmreportnz/s/.

By reporting side effects, you can help provide more information on the safety of this medicine.

7. Product details

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

What Magnesium Sulfate Heptahydrate 50% Medsurge contains

Active ingredient (main ingredient)	magnesium sulfate heptahydrate
Other ingredients (inactive ingredients)	water for injections sulfuric acid sodium hydroxide
Potential allergens	none

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

What Magnesium Sulfate Heptahydrate 50% Medsurge looks like

Magnesium Sulfate Heptahydrate 50% Medsurge is clear colourless solution free from visible particles with pH 5.5 to 7.0 available in following presentations:
2 mL ampoule as a pack of 10 ampoules (Aust R 427031).
5 mL ampoule as a pack of 10 ampoules (Aust R 427032).
10 mL ampoule as a pack of 10 ampoules (Aust R 427033).

Who distributes Magnesium Sulfate Heptahydrate 50% Medsurge

Medsurge Pharma Limited
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Marketed and Distributed by Medsurge Healthcare

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