

PRODUCT MONOGRAPH
INCLUDING PATIENT MEDICATION INFORMATION

MAGNESIUM SULFATE IN WATER FOR INJECTION

40 mg / mL Magnesium Sulfate Heptahydrate

80 mg / mL Magnesium Sulfate Heptahydrate

Sterile Solution for Intravenous Use Only

Anticonvulsant and Electrolyte Replenisher

Baxter Corporation
Mississauga, Ontario, L5N 0C2
Canada

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Sections or subsections that are not applicable at the time of authorization are not listed.

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PART I: HEALTH PROFESSIONAL INFORMATION

1 INDICATIONS

Magnesium Sulfate in Water for Injection may be of therapeutic value in the following conditions:

- as an anticonvulsant for preeclampsia and eclampsia
- as an electrolyte replenisher for hypomagnesemia and magnesium deficiency to maintain normal neuromuscular irritability.

1.1 Pediatrics

Pediatrics (<18 years of age): Health Canada has not authorized an indication for pediatric use.

1.2 Geriatrics

Geriatrics: Health Canada has not authorized an indication for geriatric use.

2 CONTRAINDICATIONS

Magnesium Sulfate in Water for Injection should not be administered parenterally in patients with:

- heart block
- myocardial damage
- hypersensitivity to this drug or to any ingredient in the formulation, including any non-medicinal ingredient, or component of the container. For a complete listing, see [6 DOSAGE FORMS, STRENGTHS, COMPOSITION AND PACKAGING](#).

Intravenous magnesium should not be given to mothers with toxemia of pregnancy during the two hours preceding delivery.

4 DOSAGE AND ADMINISTRATION

4.1 Dosing Considerations

This product is a sterile ready-to-use product.

Renal

Parenteral use in the presence of renal insufficiency may lead to magnesium intoxication. In patients with severe renal impairment, dosage should not exceed 20 g

in 48 hours. Serum magnesium should be monitored in such patients. (See [7 WARNINGS AND PRECAUTIONS, Renal, Aluminum toxicity](#)).

4.2 Recommended Dose and Dosage Adjustment

Usual Dose Range

A total daily (24 hr) dose of 30 to 40 g magnesium sulfate should not be exceeded.

Route of administration:

- Intravenous**

1 to 4 g (4.06 to 16.22 mmol) Magnesium Sulfate in Water for Injection may be given intravenously, but only with great caution; the rate should not exceed 150 mg magnesium sulfate per minute (3.75 mL/min 40 mg/mL solution or 1.88 mL/min 80 mg/mL solution) until relaxation is obtained.

IV use in eclampsia should be reserved for immediate control of life-threatening convulsions. See [7 WARNINGS AND PRECAUTIONS, For Pre-eclampsia or Eclampsia](#).

- Intravenous Infusion**

4 g (16.22 mmol) at a rate not exceeding 48 mg per minute (1.2 mL/min 40 mg/mL solution or 0.6 mL/min 80 mg/mL solution).

Recommended Dose per indication:

- Electrolyte Replenisher**

Recommended Parenteral Dosing Regimens for Hypomagnesemia	
	Intravenous Dose (diluted concentrated solution)
Initial	
Mild deficiency (eg, serum magnesium >1.5 to 1.9 mg/dL)	1 to 2 g over 1 to 2 hours
Moderate deficiency (eg, serum magnesium 1 to 1.5 mg/dL)	2 to 4 g over 2 to 12 hours
Severe deficiency (eg, serum magnesium <1 mg/dL)	4 to 8 g over 4 to 24 hours
Symptomatic patients (eg, tetany, arrhythmias, seizures)*	
Hemodynamically unstable	1 to 2 g administered as a bolus over 2 to 15 minutes; may repeat as needed if patient remains unstable; once patient is stable, administer an additional 4 to 8 g over 12 to 24 hours.
Hemodynamically stable	1 to 2 g over 5 to 60 minutes, followed by an additional 4 to 8 g over 12 to 24 hours.

*Note: Continuous cardiac monitoring strongly recommended. Subsequent dosing may be based on serum magnesium levels assessed 6 to 12 hours after initial dosing. Repletion may take several days.

The above table provides a reference for dosing recommendations that may vary between patients and institutional practices.

Refer to clinical practice guidelines or institutional medical protocols for recommended dosing and administration of intravenous magnesium sulfate in the treatment of hypomagnesemia. Monitor patient's clinical status to avoid symptoms of hypomagnesemia or hypermagnesemia or until symptoms of hypomagnesemia resolve. Monitor serum magnesium concentrations during therapy until serum magnesium concentration has returned to the normal reference range.

- **For Pre-eclampsia or Eclampsia**

Magnesium sulfate should be used for treatment of preeclampsia and eclampsia of pregnancy only if clearly needed and for the shortest time required. See [7 WARNINGS AND PRECAUTIONS](#).

In severe pre-eclampsia or eclampsia, the total initial dose is 10 to 14 g of magnesium sulfate. To initiate therapy, 4 g of Magnesium Sulfate in Water for Injection may be administered intravenously. The rate of I.V. infusion should generally not exceed 150 mg/minute, or 3.75 mL of a 4% concentration (or its equivalent) per minute, except in severe eclampsia with seizures. Simultaneously, 4 to 5 g (32.5 to 40.6 mEq) of magnesium sulfate may be administered intramuscularly into each buttock using undiluted 50% Magnesium Sulfate Injection, USP. After the initial I.V. dose, some clinicians administer 1 to 2 g/hour by constant I.V. infusion. Subsequent intramuscular doses of 4 to 5 g of magnesium sulfate may be injected into alternate buttocks every four hours, depending on the continuing presence of the patellar reflex, adequate respiratory function, and absence of signs of magnesium toxicity. Therapy should continue until paroxysms cease. A serum magnesium level of 6 mg/100 mL is considered optimal for control of seizures.

Parenteral drug products should be visually inspected for particulate matter and discolouration prior to administration whenever solution and container permit.

Considerations for special populations:

- **Pediatrics**

Health Canada has not authorized an indication for pediatric use.

- **Geriatrics**

Geriatric patients often require reduced dosage because of impaired renal function. In patients with severe impairment, dosage should not exceed 20 g in 48 hours. Serum magnesium should be monitored in such patients.

5 OVERDOSAGE

Hypermagnesemia is manifested by muscle weakness, hypotension, ECG changes, sedation, and confusion. As plasma concentrations of magnesium begin to exceed 4 mEq/L, the deep-

tendon reflexes are decreased and may be absent at levels approaching 10 mEq/L. At 12 to 15 mEq/L, respiratory paralysis is a potential hazard; the respiratory effects can be antagonized to some extent by the intravenous administration of calcium salts. In cases of severe renal impairment, symptomatic hypermagnesemia may be an indication for dialysis. There are occasional instances when cardiac consequences may be seen in the form of complete heart block at concentrations well below 10 mEq/L.

Before the parenteral administration of each dose, the respiratory rate should be at least 16 per minute and urinary function should be adequate. In the event of overdosage, assisted ventilation must be provided until calcium can be given intravenously. Peritoneal dialysis or hemodialysis may be required in cases of extreme hypermagnesemia. Hypermagnesemia in the newborn may require resuscitation and assisted ventilation via endotracheal intubation or intermittent positive pressure ventilation as well as IV calcium.

When Magnesium Sulfate in Water for Injection is administered parenterally in doses that are sufficient to induce hypermagnesemia, the drug has a depressant effect on the central nervous system and, via the peripheral neuromuscular junction, on muscle.

For management of a suspected drug overdose, contact your regional poison control centre.

6 DOSAGE FORMS, STRENGTHS, COMPOSITION AND PACKAGING

Table – Dosage Forms, Strengths, Composition and Packaging

Route of Administration	Dosage Form / Strength/Composition	Non-medicinal Ingredients
Intravenous	Solution / 40 mg / mL 80 mg / mL	Sulfuric Acid, USP-NF Sodium Hydroxide, Ph Eur/USP-NF Water for Injection, Ph Eur/USP

Description

Magnesium Sulfate in Water for Injection is a sterile, nonpyrogenic solution of magnesium sulfate in Water for Injection.

Each mL contains 40 (3.9 mg Mg⁺⁺ and 15.6 mg SO₄²⁻) or 80 (7.9 mg Mg⁺⁺ and 31.2 mg SO₄²⁻) mg magnesium sulfate heptahydrate.

The solution contains no bacteriostatic agent or other preservatives.

Magnesium sulfate heptahydrate is chemically designated MgSO₄•7H₂O and occurs as a white, bitter, crystalline powder which is freely soluble in water.

Product Number	Magnesium Sulfate Heptahydrate per mL	Magnesium per mL	Sulfate per mL	Volume
CJPE8001	40 mg	3.9 mg	15.6 mg	50 mL
CJPE8002	80 mg	7.9 mg	31.2 mg	50 mL
CJPE8003	40 mg	3.9 mg	15.6 mg	100 mL

7 WARNINGS AND PRECAUTIONS

General

Administer with caution if flushing and sweating occurs. (See [8.1 Adverse Reaction Overview](#).)

When barbiturates, narcotics or other hypnotics (or systemic anesthetics) are to be given in conjunction with magnesium, their dosage should be adjusted with caution because of additive CNS depressant effects of magnesium. A preparation of calcium salt should be readily available for intravenous injection to counteract potential serious signs of magnesium intoxication. (See [9.4 Drug-Drug Interactions](#).)

The principal hazard in parenteral magnesium therapy is the production of abnormally high levels of magnesium in the plasma. The most immediate danger to life is respiratory depression. A preparation of calcium, such as the gluconate or gluceptate, should be at hand for intravenous administration as an antidote. (See [5 OVERDOSAGE](#).)

Monitoring and Laboratory Tests

Magnesium Sulfate in Water for Injection should not be given unless hypomagnesemia has been confirmed and the serum concentration of magnesium is monitored. The normal serum level is 1.5 to 2.4 mEq/L.

Renal

Since magnesium is excreted almost entirely by the kidneys, it should be given very cautiously in the presence of serious impairment of renal function. **Aluminium toxicity:** This product contains aluminum that may be toxic. Aluminum may reach toxic levels with prolonged parenteral administration if kidney function is impaired. Premature neonates are particularly at risk because their kidneys are immature, and they require large amounts of calcium and phosphate solutions which contain aluminum. Research indicates that patients with impaired kidney function, including premature neonates, who receive parenteral levels of aluminum at greater than 4 to 5 mcg per kg per day accumulate aluminum at levels associated with central nervous system and bone toxicity. Tissue loading may occur at even lower rates of administration of TPN products and of the lock-flush solutions used in their administration.

Reproductive Health: Female and Male Potential

- **Fertility**

No studies have been conducted to determine if Magnesium Sulfate in Water for Injection has an effect on fertility.

- **Teratogenic Risk**

Continuous administration of magnesium sulfate (intravenous or intramuscular) beyond 5 to 7 days to pregnant women can lead to hypocalcemia and bone abnormalities in the developing fetus. These bone abnormalities include skeletal demineralization and osteopenia. In addition, cases of neonatal fracture have been reported. The shortest duration of treatment that can lead to fetal harm is not known. Magnesium sulfate should be used for treatment of preeclampsia and eclampsia of pregnancy only if clearly needed and for the shortest time required.

- **Non-Teratogenic Risk**

Magnesium Sulfate in Water for Injection can cause fetal harm when administered to a pregnant woman. When Magnesium Sulfate in Water for Injection is administered to a toxic mother, the newborn is usually not compromised. When Magnesium Sulfate in Water for Injection is administered intravenously by a continuous infusion for longer than 24 hours before delivery, the possibility of the baby showing signs of neuromuscular or respiratory depression of the newborn should be considered, since fetal toxicity can occur. A baby with hypermagnesemia may require resuscitation and assisted ventilation. If this drug is used during pregnancy, or if the patient becomes pregnant while taking this drug, the patient should be apprised of the potential hazard to the fetus.

7.1 Special Populations

7.1.1 Pregnant Women

Magnesium sulfate should be used for treatment of preeclampsia and eclampsia of pregnancy only if clearly needed and for the shortest time required. (See [4 DOSAGE AND ADMINISTRATION](#).)

Intravenous use in eclampsia should be reserved for immediate control of life-threatening convulsions.

Magnesium sulfate can cause fetal abnormalities when administered beyond 5-7 days to pregnant women. There are retrospective epidemiological studies and case reports documenting fetal abnormalities such as hypocalcemia, skeletal demineralization, osteopenia and other skeletal abnormalities with continuous maternal administration of magnesium sulfate for more than 5 to 7 days.

7.1.2 Breast-feeding

Since magnesium is distributed into milk during parenteral magnesium sulfate administration, caution should be exercised when Magnesium Sulfate in Water for Injection is administered to a nursing women.

7.1.3 Pediatrics

Pediatrics (<18 years of age): Health Canada has not authorized an indication for pediatric use.

7.1.4 Geriatrics

Geriatric patients often require reduce dosage because of impaired renal function. (See [7 WARNINGS AND PRECAUTIONS, Renal](#) , and [4.2 Recommended Dose and Dosage Adjustment, Considerations for special populations.](#))

8 ADVERSE REACTIONS

8.1 Adverse Reaction Overview

Principal adverse reactions are related to the high plasma levels of magnesium and include flushing, sweating, hypotension, circulatory collapse, and cardiac and central nervous system depression. Respiratory depression is the most life-threatening effect. Hypocalcemia with signs of tetany secondary to magnesium sulfate therapy for eclampsia has been reported.

9 DRUG INTERACTIONS

9.4 Drug-Drug Interactions

When barbiturates, narcotics, hypnotics (or systemic anesthetics), or other central nervous system depressants are to be given in conjunction with magnesium, their dosage should be adjusted with caution because of the additive central nervous system depressant effects of magnesium.

Central nervous system depression and peripheral transmission defects produced by magnesium may be antagonized by calcium.

9.5 Drug-Food Interactions

Interactions with food have not been established.

9.6 Drug-Herb Interactions

Interactions with herbal products have not been established.

9.7 Drug-Laboratory Test Interactions

Interactions with laboratory tests have not been established.

10 CLINICAL PHARMACOLOGY

Magnesium is the second most plentiful cation of the intracellular fluids. It is essential for the activity of many enzyme systems and plays an important role with regard to neurochemical transmission and muscular excitability. Deficiencies are accompanied by a variety of structural and functional disturbances.

10.1 Mechanism of Action

Magnesium prevents or controls convulsions by blocking neuromuscular transmission and decreasing the amount of acetylcholine liberated at the end plate by the motor nerve impulse. Magnesium is said to have a depressant effect on the central nervous system, but it does not adversely affect the mother, fetus or neonate when used as directed in eclampsia or pre-eclampsia. Normal serum magnesium levels range from 1.3 to 2.1 mEq/liter.

Some of the effects of magnesium on the nervous system are similar to those of calcium. An increased concentration of magnesium in the extracellular fluid causes depression of the central nervous system (CNS). Magnesium has a direct depressant effect on skeletal muscle.

Abnormally low concentrations of magnesium in the extracellular fluid result in increased acetylcholine release and increased muscle excitability that can produce tetany.

Magnesium slows the rate of SA nodal impulse formation. Higher concentrations of magnesium (greater than 15 mEq/L) produce cardiac arrest in diastole.

Excess magnesium causes vasodilation by both a direct action on blood vessels and ganglionic blockade.

10.3 Pharmacokinetics

Elimination

Magnesium is excreted principally by the kidney by glomerular filtration.

11 STORAGE, STABILITY AND DISPOSAL

Store between 15°C and 30°C. Do not freeze.

No preservative added. Unused portion of container should be discarded. Use only if solution is clear, and seal intact.

Incompatibilities

Magnesium sulfate in solution may result in a precipitate formation when mixed with solutions containing:

Alcohol (in high concentrations), Heavy metals, Alkali carbonates and bicarbonates, Hydrocortisone sodium succinate, Alkali hydroxides Phosphates, Arsenates, Polymyxin B sulfate, Barium Procaine hydrochloride, Calcium, Salicylates, Clindamycin phosphate, Strontium, Tartrates.

The potential incompatibility will often be influenced by the changes in the concentration of reactants and the pH of the solutions

12 SPECIAL HANDLING INSTRUCTIONS

This information is not available for this drug product.

PART II: SCIENTIFIC INFORMATION

13 PHARMACEUTICAL INFORMATION

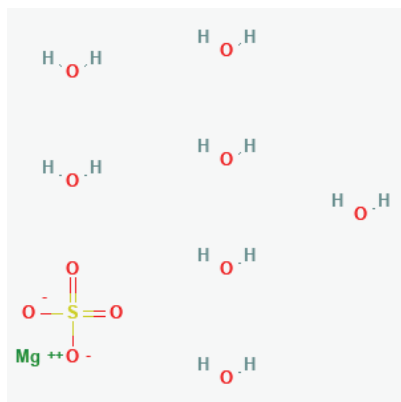
Drug Substance

Proper name: Magnesium sulfate heptahydrate

Chemical name: Magnesium sulfate heptahydrate

Molecular formula: $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$

Molecular mass: 246.4746



Structural formula:

Physicochemical properties: Freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 per cent).

Product Characteristics: White or almost white, crystalline powder or brilliant, colourless crystals.

How Supplied

Size Container	Total Magnesium Sulfate*	Total Magnesium Ion	Magnesium Sulfate* Concentration	Magnesium Ion Concentration	Osmolarity (calc.)
50 mL	2 g	16.25 mEq	4% (40 mg/mL)	16.25 mEq/50mL	325 mOsmol/L
50 mL	4 g	32.5 mEq	8% (80 mg/mL)	32.5 mEq/50mL	649 mOsmol/L
100 mL	4 g	32.5 mEq	4% (40 mg/mL)	32.5 mEq/100mL	325 mOsmol/L

* As heptahydrate

14 CLINICAL TRIALS

The clinical trial data on which the original indication was authorized is not available.

15 MICROBIOLOGY

No microbiological information is required for this drug product.

16 NON-CLINICAL TOXICOLOGY

Information not available.

17 SUPPORTING PRODUCT MONOGRAPHS

1. Magnesium Sulfate Injection (solution, 500 mg/mL), submission control 255007, Product Monograph, Fresenius Kabi Canada Ltd., APR 04, 2022
2. Magnesium Sulfate Injection, BP 49.3% (solution, 493 mg/mL), submission control 233456, Prescribing Information, Baxter Corporation, MAR 02, 2021

PATIENT MEDICATION INFORMATION

READ THIS FOR SAFE AND EFFECTIVE USE OF YOUR MEDICINE

MAGNESIUM SULFATE IN WATER FOR INJECTION

Read this carefully before you start taking **Magnesium Sulfate in Water for Injection** and each time you get a refill. This leaflet is a summary and will not tell you everything about this drug. Talk to your healthcare professional about your medical condition and treatment and ask if there is any new information about **Magnesium Sulfate in Water for Injection**.

What is Magnesium Sulfate in Water for Injection used for?

Magnesium Sulfate in Water for Injection is used in adults to:

- prevent seizures associated with pre-eclampsia and eclampsia during pregnancy.
- Treat low levels of magnesium in the blood (hypomagnesemia).

How does Magnesium Sulfate in Water for Injection work?

Magnesium Sulfate in Water for Injection belongs to a group of medicines called electrolyte solutions. It works by replenishing magnesium in your body. It is a naturally occurring mineral (electrolyte) in your body and is important for many systems in the body, especially the muscles and nerves.

What are the ingredients in Magnesium Sulfate in Water for Injection?

Medicinal ingredients: Magnesium Sulfate Heptahydrate

Non-medicinal ingredients: Sodium Hydroxide, Sulfuric Acid and Water for Injection

Magnesium Sulfate in Water for Injection comes in the following dosage forms:

Solution for Injection: 40 mg/mL or 80 mg/mL

Do not use Magnesium Sulfate in Water for Injection if:

- you have heart block, a condition where the heart beats more slowly or with an abnormal rhythm.
- you have had a heart attack, or any other conditions in which your heart has been damaged.
- you are allergic to magnesium sulfate or any other ingredients in Magnesium Sulfate in Water for Injection or its container.

To help avoid side effects and ensure proper use, talk to your healthcare professional before you take Magnesium Sulfate in Water for Injection. Talk about any health conditions or problems you may have, including if you:

- are taking the following medicines:

- barbiturates (used to treat anxiety, seizures, and headaches)
- narcotics (used to treat moderate to severe pain)
- hypnotics (used to induce, extend, or improve the quality of sleep) or
- systemic anesthetics (used to make a person sleep throughout a surgery)
- have kidney problems.
- have been told you have high levels of magnesium in your blood.
- have any heart problems, such as an irregular heartbeat, heart failure or heart disease.

Other warnings you should know about:

Aluminum toxicity: This medicine contains aluminum that may be toxic. It may reach toxic levels with long term use if you have kidney problems.

Pregnancy:

- If you are pregnant, your healthcare professional:
 - will give you Magnesium Sulfate in Water for Injection for the shortest time needed to prevent harm to your unborn baby. Taking Magnesium Sulfate Injection, USP for more than 5 to 7 days may lead to low calcium levels and bone problems in the developing baby or fetus, including thin bones or bone breaks. Your healthcare professional will discuss the potential risks with you.
 - will closely monitor your health and that of your baby during your treatment.
 - may monitor your blood pressure after each injection.
- Tell your healthcare professional **right away** if you become pregnant, think you may be pregnant or want to get pregnant during your treatment with Magnesium Sulfate in Water for Injection.

Effects on newborns: In some cases, babies born to a mother taking Magnesium Sulfate in Water for Injection during pregnancy have experienced serious problems requiring hospitalization. Be prepared to seek immediate medical help for your newborn if they:

- have difficulty breathing,
- have floppy muscles (like a ragdoll),
- are overly sleepy.

Breastfeeding: Magnesium Sulfate in Water for Injection can pass into breast milk and may harm a breastfed baby. Talk to your healthcare professional about the best way to feed your baby while you are given Magnesium Sulfate in Water for Injection.

Check-ups and testing: Your healthcare professional will regularly monitor and assess your health before and while you are taking Magnesium Sulfate in Water for Injection. This includes blood tests to monitor the level of magnesium in your blood.

Tell your healthcare professional about all the medicines you take, including any drugs, vitamins, minerals, natural supplements or alternative medicines.

The following may interact with Magnesium Sulfate in Water for Injection:

- barbiturates (used to treat anxiety, seizures, and headaches)
- narcotics (used to treat moderate to severe pain)
- hypnotics (used to induce, extend, or improve the quality of sleep)
- systemic anesthetics (used to make a person sleep throughout a surgery)

How to take Magnesium Sulfate in Water for Injection:

- Magnesium Sulfate in Water for Injection will be given to you by a healthcare professional in a hospital or medical office. It will be injected into a vein.

Usual dose:

Your healthcare professional will decide what dose of medication you will receive and for how long. This will depend on your medical condition and the results of your blood tests.

Overdose:

The symptoms of an overdose with Magnesium Sulfate in Water for Injection include:

- muscle weakness, loss of tendon reflexes
- low blood pressure, fast, slow or irregular heart rate
- drowsiness, confusion
- respiratory depression (slow and ineffective breathing)

If you think you, or a person you are caring for, have been given too much Magnesium Sulfate in Water for Injection, contact a healthcare professional, hospital emergency department, or regional poison control centre immediately, even if there are no symptoms.

What are possible side effects from using Magnesium Sulfate in Water for Injection?

These are not all the possible side effects you may have when taking Magnesium Sulfate in Water for Injection. If you experience any side effects not listed here, tell your healthcare professional.

Serious side effects and what to do about them			
Symptom / effect	Talk to your healthcare professional		Stop taking drug and get immediate medical help
	Only if severe	In all cases	
UNKNOWN FREQUENCY			
Hypermagnesemia (high level of magnesium in the blood): flushing, sweating, feeling thirsty, low blood pressure, drowsiness, dizziness, headache, itchy skin, tingling			√

Serious side effects and what to do about them			
Symptom / effect	Talk to your healthcare professional		Stop taking drug and get immediate medical help
	Only if severe	In all cases	
sensation of the skin, nausea, vomiting, confusion, slurred speech, double vision, lack of energy, slow and ineffective breathing, electrolyte imbalances, dehydration, loss of tendon reflexes, muscle weakness, fast, slow or irregular heart rate, coma, heart suddenly stops beating.			
Hypocalcemia (low level of calcium in the blood): involuntary contraction of muscles, numbness around the mouth, muscle cramps, burning or prickling sensation of the hands and feet.			√
Respiratory depression (slow and ineffective breathing): slow, shallow or weak breathing, tiredness, confusion, headache, blue lips, fingers, or toes.			√

If you have a troublesome symptom or side effect that is not listed here or becomes bad enough to interfere with your daily activities, tell your healthcare professional.

Reporting Side Effects

You can report any suspected side effects associated with the use of health products to Health Canada by:

- Visiting the Web page on Adverse Reaction Reporting (**Error! Hyperlink reference not valid.**<https://www.canada.ca/en/health-canada/services/drugs-health-products/medeffect-canada/adverse-reaction-reporting.html>) for information on how to report online, by mail or by fax; or
- Calling toll-free at 1-866-234-2345.

NOTE: Contact your health professional if you need information about how to manage your side effects. The Canada Vigilance Program does not provide medical advice.

Storage:

- Store at room temperature (15 °C to 30 °C).
- Keep out of reach and sight of children.

If you want more information about Magnesium Sulfate in Water for Injection:

- Talk to your healthcare professional
- Find the full product monograph that is prepared for healthcare professionals and includes this Patient Medication Information by visiting the Health Canada website: (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/drug-product-database.html>); the manufacturer's website (www.baxter.ca), or by calling 1-888-719-9955.

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