

Sodium Bicarbonate 8.4% 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 this Sodium Bicarbonate Injection being given?

Sodium Bicarbonate Injection contains the active ingredient sodium bicarbonate. Sodium Bicarbonate Injection is used to reduce the amount of acid in the blood.

For more information, see Section [1. Why is Sodium Bicarbonate Injection being given?](#) in the full CMI.

2. What should I know before Sodium Bicarbonate Injection is given?

Do not use if you have ever had an allergic reaction to Sodium Bicarbonate Injection 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 Sodium Bicarbonate Injection is given?](#) in the full CMI.

3. What if I am using other medicines?

Some medicines may interfere with Sodium Bicarbonate 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 Sodium Bicarbonate Injection given?

Sodium Bicarbonate Injection must only be given by a doctor or nurse. They will decide what dose and how long you will receive it for. This depends on your medical condition and other factors.

More instructions can be found in Section [4. How is Sodium Bicarbonate Injection given?](#) in the full CMI.

5. What should I know while using Sodium Bicarbonate Injection?

Things you should do	<ul style="list-style-type: none"> Remind any doctor, dentist or pharmacist you visit that Sodium Bicarbonate Injection is being used. Before surgery, tell the surgeon or anaesthetist that you have been given this medicine.
Things you should not do	<ul style="list-style-type: none"> Receive the injection if you have the medical conditions covered in Section 2 of the CMI.
Looking after the medicine	<ul style="list-style-type: none"> Sodium Bicarbonate Injection will be stored in the surgery, pharmacy or ward of a hospital. The injection is kept in a cool dry place where the temperature stays below 30°C.

For more information, see Section [5. What should I know while using Sodium Bicarbonate Injection?](#) in the full CMI.

6. Are there any side effects?

Sodium Bicarbonate Injection may cause injection site discomfort, nausea or vomiting, muscle cramps, breathing difficulties and more.

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.

Sodium Bicarbonate 8.4% Injection

Active ingredient: *sodium bicarbonate*

Consumer Medicine Information (CMI)

This leaflet provides important information about using Sodium Bicarbonate 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 Sodium Bicarbonate Injection.**

Where to find information in this leaflet:

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

1. Why is Sodium Bicarbonate Injection being given?

Sodium Bicarbonate Injection contains the active ingredient sodium bicarbonate.

Sodium Bicarbonate Injection is used to reduce the amount of acid in the blood.

Signs of high acid levels include headaches, weakness, tiredness, fast breathing and abnormal heart rate.

High levels of acid in the blood can be caused by diabetes, hepatitis, heart and kidney problems, shock, severe dehydration or diarrhoea, Addison's disease and malnutrition.

Sodium Bicarbonate 8.4% Injection also reduces the amount of acid in the urine. It is used to speed up the removal of certain substances from the body in the case of some types of poisoning.

Ask your doctor if you have any questions about why Sodium Bicarbonate Injection has been prescribed for you.

Your doctor may have prescribed it for another reason.

2. What should I know before Sodium Bicarbonate Injection is given?

Warnings

You should not be given Sodium Bicarbonate Injection if:

- you are allergic to any medicine containing sodium bicarbonate, or any of the ingredients listed at the end of this leaflet.
Always check the ingredients to make sure you can use this medicine.
- you have any of the following medical conditions:
 - kidney disease or kidney stones
 - excess sodium in the blood
 - high blood pressure and high blood pressure due to pregnancy
 - swelling due to excess fluid
 - heart disease
 - low levels of potassium in the blood
 - low levels of chloride in the blood

Check with your doctor if you:

- have or have had liver disease
- have allergies to any other medicines, foods, preservatives or dyes

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 intend to become pregnant.

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

Your doctor will discuss 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 Sodium Bicarbonate Injection. These include:

- diuretics or fluid tablets
- corticosteroids such as prednisone
- potassium supplements
- the heart drugs quinidine and flecainide
- amphetamines
- ephedrine and pseudoephedrine found in cold medicines
- aspirin
- barbiturates, medicines used to treat epilepsy

These medicines may be affected by Sodium Bicarbonate Injection 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 or pharmacist has more information on medicines to be careful with or avoid while being given this medicine.

Check with your doctor or pharmacist if you are not sure about what medicines, vitamins or supplements you are taking and if these affect Sodium Bicarbonate Injection.

4. How is Sodium Bicarbonate Injection given?

How much to be given

- Your doctor will decide what dose of Sodium Bicarbonate Injection you will receive and for how long you will receive it. This depends on your medical condition and other factors, such as your weight. The medicine is given by an injection into a vein or it is added to an intravenous (IV) solution.

If too much Sodium Bicarbonate Injection is given

As Sodium Bicarbonate Injection is always given to you in a hospital under the supervision of a doctor, it is unlikely that you will receive an overdose.

Symptoms of an overdose may include:

- spasms in the muscles, hands or feet
- muscle cramps
- extreme irritability
- breathing difficulties.

If you think you have been given too much Sodium Bicarbonate Injection, you may need urgent medical attention.

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 Sodium Bicarbonate Injection?

Things you should do

If you are about to start on any new medicine, remind your doctor and pharmacist that you have been given Sodium Bicarbonate Injection.

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.

Keep all of your doctor's appointments so that your progress can be checked.

Your doctor may do some tests from time to time to make sure the medicine is working and to prevent unwanted side effects.

Looking after your medicine

- Sodium Bicarbonate Injection will be stored in the surgery, pharmacy or ward of a hospital. The injection is kept in a cool dry place where the temperature stays below 30°C.
- Sodium Bicarbonate Injection will only be opened when it is time for you to have the injection.

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.

Tell your doctor or pharmacist as soon as possible if you do not feel well while you are being given Sodium Bicarbonate Injection.

Sodium Bicarbonate Injection may have unwanted side effects in a few people. All medicines can have side effects. Sometimes they are serious, most of the time they are not. You may need medical treatment if you get some of the side effects.

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

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

Side effects

Side effects	What to do
<p>Skin-related:</p> <ul style="list-style-type: none"> • pain, burning or swelling at the site of injection <p>Body-related:</p> <ul style="list-style-type: none"> • extreme irritability • muscle spasms or pain <p>Respiratory-related:</p> <ul style="list-style-type: none"> • breathing difficulties <p>Low levels of potassium in the blood symptoms:</p> <ul style="list-style-type: none"> • drowsiness • loss of appetite • muscle twitching or trembling • nausea or vomiting • unusual tiredness or weakness <p>Adverse reaction:</p> <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 	<p>Speak to your doctor if you have any of these less serious side effects and they worry you.</p>

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 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 Sodium Bicarbonate Injection contains

Active ingredient (main ingredient)	sodium bicarbonate
Other ingredients (inactive ingredients)	disodium edetate water for injections

This medicine does not contain gluten, lactose, sucrose, tartrazine, alcohol or any dyes or preservatives.

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

What Sodium Bicarbonate Injection looks like

Sodium Bicarbonate Injection is a clear, colourless solution in a clear glass vial.

Sodium Bicarbonate Injection is available in two quantities:

- 840 mg/10 mL vial in a pack of 10 (Aust R 131067)
- 8.4 g/100 mL vial in pack of 1, 5 and 10 (Aust R 48376)

Who distributes Sodium Bicarbonate Injection

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

Telephone: 1800 720 020

This leaflet was prepared in November 2025.

Phebra and the Phi symbol are registered trademarks of Phebra Pty Ltd.