

Premature or term infants may retain an excess of sodium due to immature renal function. In premature or term infants, repeated infusions of sodium chloride should therefore only be given after determination of the serum sodium level.

- The physician should judge the incompatibility of an additive drug with the 0.9% sodium chloride solution by checking for any possible change in colour and/or possible formation of precipitate, insoluble complex or crystals.
- Before adding any drug, check that the pH range in which it is effective is the same as that of 0.9% sodium chloride solution (pH = 4.5 – 7.0).
- Please refer to the drug's package insert.
- When any drug is added to the 0.9% sodium chloride solution, the mixture must be administered immediately.

Instructions for use and handling

Do not use unless the solution is clear and free from particles and the container is undamaged.

Discard any damaged or partially used container.

Use in aseptic conditions.

Precautions when using bags:

- do not use an air entry.
- flush the infusion system in order to avoid any passage of air.
- do not connect in series since the residual of the first container might be carried on by the solution coming from the second container, with the risk of air embolism.
- for single use only; do not reconnect partially used container.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

6. CONTENTS OF THE PACK AND OTHER INFORMATION What

Sodium Chloride 0.9% solution for infusion contains The active

substance is :

Sodium chloride 9 g/l

Sodium: 154 mmol/l

Chloride: 154 mmol/l

Osmolality: 290 mosmol/kg

Osmolarity: 308 mosmol/l

pH between 4.5 and 7.0.

- The other ingredients are : hydrochloric acid, concentrated, sodium hydroxide, water for injections.

What Sodium Chloride 0.9% solution for infusion looks like and contents of the pack
Sodium Chloride 0.9% solution for infusion is a clear and colourless solution for infusion.

1, 10, 40 x 100 ml; 1, 10, 20, 30 x 250 ml; 1, 10, 20 x 500 ml;

1, 10 x 1000 ml polyethylene bottles

1, 40, 60, 65, 70 x 50 ml; 1, 40, 50, 55, 60 x 100 ml;

1, 20, 25, 30, 35, 40 x 250 ml;

1, 15, 20 x 500 ml; 1, 8, 10 x 1000 ml bags.

Not all pack sizes may be marketed.

Marketing Authorisation Holder

Fresenius Kabi Deutschland GmbH

Else-Kröner-Straße 1,

61352 Bad Homburg v.d.Höhe

Germany

Manufacturer:

FRESENIUS KABI FRANCE

6, rue du rempart - 27400 Louviers

France

This leaflet was last revised in February 2019.



4750-2 - V002-IE/LV (FFX)

PACKAGE LEAFLET: INFORMATION FOR THE USER

Sodium Chloride 0.9% w/v Solution for Infusion

Read all of this leaflet carefully before you start using this medicine because it contains important information for you.

- *Keep this leaflet. You may need to read it again.*

- *If you have any further questions, ask your doctor, pharmacist or nurse.*

- *If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.*

What is in this leaflet:

1. What Sodium Chloride 0.9% solution for infusion is and what it is used for
2. What you need to know before you use Sodium Chloride 0.9% solution for infusion
3. How to use Sodium Chloride 0.9% solution for infusion
4. Possible side effects
5. How to store Sodium Chloride 0.9% solution for infusion
6. Contents of the pack and other information

1. WHAT SODIUM CHLORIDE 0.9% SOLUTION FOR INFUSION IS AND WHAT IT IS USED FOR

Sodium Chloride 0.9% is a sterile, colourless solution for infusion. It is used for the treatment of sodium depletion (deficiency), dehydration (water loss), hypovolaemia (sudden drop in volume of circulating blood) and as a solvent and carrier for other compatible drugs for parenteral administration of medicines.

2. WHAT YOU NEED TO KNOW BEFORE YOU USE SODIUM CHLORIDE 0.9% SOLUTION FOR INFUSION

Do not use Sodium Chloride 0.9% solution for infusion:

- if you have water/sodium retention situations in particular:
 - decompensated heart failure (heart can't pump enough blood throughout the body)
 - kidney failure with oliguria or anuria (decreased or absent production of urine).

Furthermore, when Sodium Chloride 0.9% solution for infusion is used as a carrier for other medicines, your doctor will consider contraindications related

to the added medicinal product(s) before administering this medicine to you. Your doctor will explain this to you.

Warnings & Precautions:

Sodium Chloride 0.9% solution for infusion will be used with caution if you suffer from:

- high blood pressure
- heart failure
- severe liver function (with swelling and excess liquid)
- fluid in the lungs (pulmonary oedema)
- abnormal build-up of fluid in the ankles, feet, and legs (peripheral oedema)
- impaired kidney function
- are pregnant and have been told you suffer from pre-eclampsia
- aldosteronism (overproduction of the hormone aldosterone from the cortex [the outer layer] of the adrenal gland)

Your doctor will check these before you are given infusion with Sodium Chloride 0.9% solution for infusion.

The doctor or nurse will ensure that the infusion is given to you properly.

Other medicines and SODIUM CHLORIDE 0.9% SOLUTION FOR INFUSION:

Tell your doctor or pharmacist if you are using, have recently used or might use any other medicines.

Pregnancy and breast-feeding

Sodium Chloride 0.9% solution for infusion can be used during pregnancy or breast-feeding. If you are pregnant or breast-feeding, think you may be pregnant or planning to have a baby, ask your doctor for advice before taking this medicine especially if you suffer from pre-eclampsia.

Driving and using machines

Not relevant.

3. HOW TO USE SODIUM CHLORIDE 0.9% SOLUTION FOR INFUSION

You will receive your medicine by slow intravenous infusion ('IV drip'). The rate at which the infusion is given and the volume infused will depend on your own specific requirements. Your doctor will decide on the correct dose for you to receive.

If you use more Sodium Chloride 0.9% solution for infusion than you should In the event of accidental over-infusion, general adverse effects of sodium excess in the body include nausea, vomiting, diarrhoea, abdominal cramp, thirst, reduced salivation and tear production, sweating, fever, tachycardia, hypertension, renal failure, peripheral and pulmonary oedema, respiratory arrest,

headache, dizziness, restlessness, irritability, weakness, muscle twitching and rigidity, convulsions, coma and death.

Excessive administration of sodium chloride may cause hypernatraemia and should be treated by an attending specialist physician.

Excessive chlorides in the body mass cause a loss of bicarbonate with an acidifying effect.

When Sodium Chloride 0.9% solution for infusion, is used as a diluent for injectable preparations of other drugs, the signs and symptoms of over infusion will be related to the nature of the additives being used. In the event of accidental over infusion, your treatment will be discontinued and you will be observed for the appropriate signs and symptoms related to the drug administered. You should be provided the relevant and supportive measures as necessary.

4. POSSIBLE SIDE EFFECTS

Like all medicines, this medicine can cause side effects, although not everybody gets them.

The following side effects have been observed:

- hypernatremia (too much sodium in the blood) and hyperchloremia (too much chloride in the blood)
- swelling of a vein caused by a blood clot may occur where the infusion is given.

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

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Do not store above 25°C.

Your doctor or nurse will ensure the solution is clear and free from particles before use.

Any solution remaining after treatment should be discarded.

The following information is intended for medical or healthcare professionals only:

Posology and method of administration

By intravenous infusion using sterile equipment and aseptic method.

1 g of sodium chloride corresponds to 394 mg or 17.1 mEq or 17.1 mmol of sodium ion.

The recommended dosage for treatment of isotonic extracellular dehydration and sodium depletion is :

- for adults : 500 ml to 3 Liters/24 h
- for babies and children : 20 to 100 ml per 24 h and per kg of body weight, depending of the age and the total body mass.

The infusion rate depends on the patient's clinical condition.

The recommended dosage when used as a vehicle or diluent ranges from 50 to 250 ml per dose of medicinal product to be administered.

When Sodium Chloride 0.9% solution for infusion is used as a diluent for injectable preparations of other drugs, the dosage and the infusion rate will be principally dictated by the nature and the dose regimen of the prescribed drug.

Contraindications

This medicine should not be administrated in case of water/sodium retention situations, and in particular:

- decompensated heart failure
- acute renal failure with oliguria or anuria.

Furthermore, when isotonic Sodium Chloride 0.9% solution for infusion is used as a vehicle, contraindication related to the added medicinal product(s) should be considered.

Special warnings and precautions for use

Special warnings:

Sodium chloride must be used with caution in patients with hypertension, heart failure, hepatocellular insufficiency with oedema and ascites, peripheral or pulmonary oedema, impaired renal function, pre-eclampsia, aldosteronism, or other conditions and treatment associated with sodium retention.

Precautions for use:

Administration should be carried out under regular and careful surveillance.

Clinical and biological parameters, in particular serum-electrolytes, should be monitored.



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 **FRESENIUS
KABI**

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Other medicines and Sodium Chloride 0.9% solution for infusion

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Driving and using machines

Not relevant.

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e-mail: medsafety@hpra.ie

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Do not store above 25°C.

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Any solution remaining after treatment should be discarded. Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

6. CONTENTS OF THE PACK AND OTHER INFORMATION

What Sodium Chloride 0.9% solution for infusion contains

– The active substance is:

Sodium chloride:.....9 g/l

Sodium:154 mmol/l

Chloride:154 mmol/l

Osmolality:290 mosmol/kg

Osmolarity:.....308 mosmol/l

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– The other ingredients are: hydrochloric acid, concentrated, sodium hydroxide, water for injections.

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Not all pack sizes may be marketed.

Marketing Authorisation Holder

Fresenius Kabi Deutschland GmbH

Else-Kröner-Straße 1,

61352 Bad Homburg v.d.Höhe

Germany

Manufacturer:

FRESENIUS KABI DEUTSCHLAND

Freseniusstraße 1

D-61169 Friedberg

This leaflet was last revised in February 2019

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Artwork No :	FIH 01-59-19-XXX (Sodium Chloride 0.9%) / Ireland
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Date :	2015-05-20 Font type: Arial, min. 8 pt
Draft No :	7
Made by :	Runa Toft

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standard insert

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Svinesundsveien 80
1788 Halden
Norway

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