

Glucobel

40 g/100 ml solution for infusion

for horses, cattle, sheep, goats, pigs, dogs and cats

Composition

100 ml contains:

Active substance:

Glucose-monohydrate 44.0 g
(equivalent to 40.0 g glucose, anhydrous)

Clear, colourless to slightly yellowish solution, free from visible particles.

Theoretical osmolarity: 2220 mOsm/l

pH-value: 3.5 bis 6.5

Caloric value: 6698 kJ/l (1600 kcal/l)

Target species

Horses, cattle, sheep, goats, pigs, dogs and cats.

Indications for use

For infusion therapy in horse, cattle, sheep, goat, pig, dog and cat:

- to partially or completely cover the carbohydrate requirements,
- for acute hypoglycaemia.

For infusion therapy in cattle, sheep and goat:

- in metabolic syndromes with concomitant hypoglycaemia (ketosis).

Contraindications

Do not use in cases of:

Hyperglycaemia, hyperhydration, peripheral oedema, anuria, acidosis, electrolyte deficiency, hypotonic dehydration, intracranial or intraspinal bleeding, untreated diabetes mellitus, Addison's disease (hypoadrenocorticism).

Special warnings

Special warnings:

None.

Special precautions for safe use in the target species:

Blood and urinary glucose levels, electrolyte and water balance should be monitored regularly.

At high doses, potassium and phosphate should be substituted as required.

Due to its osmotic effect, hypertonic carbohydrate solutions increase the intravascular volume. Especially in case of cardiovascular diseases this could lead to hypertonia, hyperhydration and oedema and even cause hyperosmolaric coma. Thus in animals with cardio-vascular or renal disease, use only according to the benefit-risk assessment by the responsible veterinarian. In those animals the veterinary medicinal product must be administered very slowly and the animal must be closely monitored for signs of hyperhydration such as tachypnoea and respiratory distress.

Prescription Only Medicine!

ZuL.-Nr.: V7009514.00.00



Special precautions to be taken by the person administering the veterinary medicinal product to animals:

The product should be handled according to the established rules for the use of injection/infusion solutions and strict precautions should be taken to avoid accidental self-injection. In case of accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.

Pregnancy and lactation:

No laboratory studies have been performed with the veterinary medicinal product. The safety of the veterinary medicinal product has not been established during pregnancy and lactation. Use only according to the benefit/risk assessment by the responsible veterinarian.

Interaction with other medicinal products and other forms of interaction:

Interactions with certain antibiotics (e.g. beta-lactam antibiotics, tetracyclines, sulfadiazine sodium) and heparin are known.

This veterinary medicinal product is incompatible with calcium disodium EDTA, histamine diphosphate, warfarin sodium and thiopental sodium.

Glucose solutions should not be administered simultaneously with, before or after the administration of blood through the same infusion equipment, as this may lead to pseudo-agglutination.

Overdose:

Overdosage of fluids can lead to hyperhydration, hypertonia and extravascular edema. A possible clinical sign is respiratory distress. In this case infusion should be minimized or stopped and if needed oxygen therapy and diuretics should be administered. Excessive administration of glucose can lead to hyperglycemia, glucosuria and polyuria. Transient hyperglycemia can be avoided by continuous intravenous drip or in non-food-producing animals by simultaneous application of insulin.

Major incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

Adverse events

Horses, cattle, sheep, goats, pigs, dogs and cats

<p>Undetermined frequency (Frequency cannot be estimated from the available data):</p>	<p>Hypervolaemia Electrolyte disorder (Hypokalaemia, Hypomagnesemia, Hypophosphataemia), Hyperglycaemia, Glucosuria Thrombophlebitis at the injection site^{1,2}</p>
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¹ In case of rapid intravenous administration of hypertonic (30% to 50%) solutions in emergency cases.

² Inadequate infusion technique may cause extravasation, infection at the injection site, local pain, vein irritation or phlebitis, which may extend from the injection site, or even thrombosis.

If adverse reactions occur, the infusion must be stopped immediately.

Dosage for each species, routes and method of administration

Intravenous use.

Administer slowly by intravenous infusion, not exceeding an infusion rate of 0.5 ml/kg body weight/h.

The dose should be determined according to the body weight (b.w.) of the animal and the desired energy supply and divided into several infusions per day.

Dosage:

- Cattle and horse:
200 - 400 g glucose (corresponding to 500 - 1000 ml of the veterinary medicinal product/ animal) every 24 hours.
- Sheep, goat and pig:
50 - 100 g glucose (corresponding to 125 - 250 ml of the veterinary medicinal product/ animal) every 24 hours.
Hypoglycaemia in piglets:
0.75 g glucose (corresponding to 1.87 ml of the veterinary medicinal product/animal) every 4 - 6 hours.
- Dog and cat:
5 - 25 g glucose (corresponding to 12.5 - 62.5 ml of the veterinary medicinal product/ animal) every 24 hours.

Advice on correct administration

- Do not administer subcutaneously.
- Fluids for intravenous use should be warmed up to body temperature before administration.
- Aseptic conditions must be maintained during administration.
- For single use only.
- Use only if the solution is clear and free of visible particles and the container is undamaged.

Withdrawal periods

Cattle, sheep, goat and horse:	Meat and offal:	zero days
	Milk:	zero hours
Pig:	Meat and offal:	zero days

Special storage precautions

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special storage conditions.

Do not use this veterinary medicinal product after the expiry date which is stated on the bottle. The expiry date refers to the last day of that month.

Shelf life after first opening the container: Use immediately.

Special precautions for disposal

Medicines should not be disposed of via wastewater <or household waste>.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any national collection systems applicable to the veterinary medicinal product concerned.

Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Classification of veterinary medicinal products

Veterinary medicinal product subject to prescription.

Pack sizes:

1 x 500 ml; 12 x 500 ml, 1 x 750 ml, 12 x 750 ml.

Not all pack sizes may be marketed.

Date on which the package leaflet was last revised

11/2022

Detailed information on this veterinary medicinal product is available in the Union Product Database.

Contact details

Marketing authorisation holder and manufacturer responsible for batch release:

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