

# CalciTonic Gel

Feed additives for animals in gel

## COMPOSITION:

Nutritional supplements:

- Calcium chloride
- Magnesium chloride

Vitamins:

- Vitamin D3

Amino acids:

- Lizin
- Metionin

Natural components:

- Soya oil

Flavor:

- Coconut flavor
- Vanilla flavor

Preservatives and solvents:

- Calcium gluconate
- Glycerin
- Xanthan gum
- Purified water

## USE:

CalciTonic gel is an effective aid in the prevention and treatment of milk fever in cattle. CalciTonic gel may be given to cows:

1. Before calving to help prevention of the occurrence of milk fever in susceptible cows. Using CalciTonic by prescription, significantly reduces the occurrence of Milk fever, especially typically asymptomatic subclinical Milk fever, which makes also big production problems without seeing signs.
2. Following treatment with injectable calcium borogluconate to reduce the possibility of relapse.

## Action:

The calcium chloride is rapidly absorbed following oral administration. Within 45 minutes significantly elevated blood calcium level is achieved which is maintained for up to 14 hours. Calcium gluconate helps connection calcium with phosphorus. The magnesium content assists where mild hypomagnesaemia may coexist with hypocalcaemia. Vitamin D3 regulates calcium and phosphorus metabolism and promotes their absorption in the intestine, controls the excretion by the kidneys and the storage in the skeleton as well.

CalciTonic gel helps lower blood pH which has the effect of significantly increasing the amount of free available calcium in the blood.

The CalciTonic gel with soya oil greatly reduces the irritant effect that calcium chloride in solution can have on mucous membranes and the stomach lining. Coconut and vanilla flavoring helps for palatability and willing animals to take CalciTonic gel.

**DOSAGE:**

For the prevention of milk fever

For cows that are especially prone to milk fever, CalciTonic gel may be used to prevent its incidence. Application is by oral administration, directly pouring into the cow's mouth from syringe.

Give 1 dose of CalciTonic gel 24 hours before calving.

Give 1 dose of CalciTonic gel immediately after calving.

Give 1 dose of CalciTonic gel 10-12 hours after calving.

Give 1 dose of Calcitonic gel 20-24 hours after calving.

To prevent relapse after treatment with calcium borogluconate injection.

To supplement injectable treatment of milk fever and prevent relapse of the condition:

Give 1 dose of CalciTonic gel as soon as the cow stands again.

Give 1 dose of CalciTonic gel 10-14 hours later.

**ADVERSE REACTION:** None

**WITHDRAWAL PERIOD:** None

**SPECIAL PRECAUTIONS:** Store in closed containers protected from humidity and light, on a temperature up to 25°C. Keep away from children.

**WAY OF ISSUE:** Without a prescription

**PRESENTATIONS:** 300ml

**ANIMAL CONTROL FACILITY NUMBER:** αRS 31-029

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