



**PRODUCT INFO
& DATASHEET**

Nutritional Oral Liquids

SICOSEN Oral

Solution for oral administration

1. Composition:

Glycerine

Vitamin B₁, thiamine hydrochloride

Vitamin B₂, riboflavin sodium phosphate

Vitamin B₃, nicotinamide

Vitamin B₅, pantothenic acid

Vitamin B₆, pyridoxine hydrochloride

Vitamin B₁₂, cyanocobalamin

Vitamin E, α-tocopherol acetate

Carnitine

Choline chloride

Selenium

2. Description

SICOSEN Oral is a product in liquid form intended for use in the prevention of ketosis and supplementation of energy in diets for dairy cows. Negative energy balance results in subclinical ketosis, which is a common metabolic disease developing in cows with high milk production potential. Subclinical ketosis contributes to a reduction in productivity and increase in susceptibility to many diseases, such as mastitis, metritis and abomasum displacement. SICOSEN Oral used as an infusion into the mouth ensures effective protection against development of ketosis in dairy cows. When using the product with TMR mix, the additional benefit is the increase in viscosity in the feed. In this way it is not so easy for the cow to sort the feed, which will reduce the risk of acidosis.

This product provides gluco-plastic substances which increase the glucose level in the blood. Furthermore, it introduces methyl groups, which are necessary for normal metabolism in the liver. Additionally, SICOSEN Oral supplements ingredients for the improvement of the immunity of the cow: vitamin E and selenium. SICOSEN Oral also improves fat metabolism, it provides vitamin B₃ which is necessary for the synthesis of carnitine. Carnitine transports fatty acids through mitochondrial membranes and facilitates their oxidation. Furthermore, SICOSEN Oral prevents fatty liver disease by supplementing choline.

3. Benefits

- Supports the immune system
- Contributes to the reduction of digestive and respiratory system infections
- Supports recovery
- Contributes to the improvement of intestinal peristalsis
- Excellent source of antioxidants
- Contributes to improved feed intake and enhanced weight gain
- Supports the secretion of bile

4. Dosage

For oral administration in cattle.

- Fatty cows (condition 4 BCS and above):
Starting 5 days prior to the planned calving at a dose of 250 ml/animal/day up to 10 days after calving.
- Cows lacking appetite (after calving, up to 90 days of lactation) : 500 ml/animal/day for 7-14 days.
- Supplementation of energy (in daily dose): Add the product to the mixture in an amount of 10–20 ltr/1000 kg.

5. Packaging

Bottle of 1000 ml and jerrycan of 5 litres.

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