

Leaflet

For Veterinary Use Only
KATOVIL
Solution for injection
Veterinary Mineral – Vitamin

COMPOSITION

Katovil is a clear, reddish-colored solution that contains 100 mg Butafosfan and 0.05 mg Cyanocobalamin per ml.

PHARMACOLOGICAL PROPERTIES

Pharmacodynamic properties

Butafosfan is an organic phosphorus source for metabolism. Phosphorus is important for energy metabolism, among other functions, and has a stimulating effect. It is also a component of bone tissue. Due to its use in the phosphorylation of most intermediates, it is an essential element for the process of neoglucogenesis.

Cyanocobalamin is a coenzyme used in the synthesis of glucose from propionate. It also serves as a cofactor for enzymes important in the synthesis of fatty acids and plays a key role in the maintenance of normal hematopoiesis, liver protection, and the health of muscle tissue, skin, brain, and metabolism. It is also involved in the formation of red blood cells and the synthesis of methionine. It is a water-soluble B-group vitamin synthesized by the digestive system flora (reticulo-rumen and large intestine) in animals. Due to the specific needs of the flora, synthesis is typically not sufficient to meet the overall needs of the animal organism. Significant deficiencies are rare, even in cases where cyanocobalamin intake is inadequate.

Pharmacokinetics Properties

Butafosfan, after a single intravenous dose in cattle, is distributed to the extravascular space within minutes and is rapidly excreted unchanged from the body. Its elimination half-life is 83 minutes. Twelve hours after intravenous administration, 70-90% of the dose is excreted in the urine, and 1% is excreted in the feces. Only traces of butafosfan are found in milk. No metabolic changes have been detected.

The metabolism of Cyanocobalamin is complex and closely related to folic acid and ascorbic acid. Vitamin B12 is stored in significant amounts in the liver, with other storage sites including the kidneys, heart, spleen, and brain. The tissue half-life of Vitamin B12 is 32 days. In ruminants, Vitamin B12 is primarily excreted in the feces and in smaller amounts in the urine.

AREA OF USE/INDICATIONS

It is used in cattle, horses, swine, cats, and dogs.

It is used as a supportive treatment in conditions where phosphorus and cyanocobalamin are necessary, such as disorders of the muscles, metabolism, or reproductive system.

In cattle, it is used to aid the recovery of rumination activity following the surgical treatment of abomasal displacement associated with secondary ketosis.

During the prenatal period, it should be used in addition to magnesium and calcium in cases of metabolic disorders, tetany, and paresis (milk fever).

USAGE AND DOSAGE

The doses provided below are recommended doses. The dose and administration intervals may vary depending on the condition and needs of the animals, and are subject to the veterinarian's decision.

Cattle, Swine:

Administered intravenously.

For the treatment of phosphorus and/or Vitamin B12 deficiency:

In adult cattle, 2-5 mg of butafosfan and 0.001-0.0025 mg of cyanocobalamin per kg body weight are administered (practically, 2-5 ml per 100 kg body weight).

In calves, 10-25 mg of butafosfan and 0.005-0.0125 mg of cyanocobalamin per kg body weight are administered (practically, 10-25 ml per 100 kg body weight).

In necessary cases, injections are repeated daily.

After the surgical treatment of abomasal displacement associated with secondary ketosis, to aid the recovery of rumination activity:

5 ml per 100 kg body weight, one injection per day for three days. The first injection should be given on the day of the operation.

Horses:

Administered intravenously.

In adult horses, 2-5 mg of butafosfan and 0.001-0.0025 mg of cyanocobalamin per kg body weight are administered (practically, 2-5 ml per 100 kg body weight).

In foals, practically 0.35-0.6 ml is administered per 10 kg body weight.

Cats and Dogs:

Administered intravenously, intramuscularly, or subcutaneously.

In dogs, 2.5-25 mg of butafosfan and 1.0-2.5 mg of cyanocobalamin per kg body weight are administered (practically, 0.25-2.5 ml per 10 kg body weight).

In cats, 10-50 mg of butafosfan and 5-25 mg of cyanocobalamin per kg body weight are administered (practically, 0.5-5 ml per 5 kg body weight).

In chronic conditions, half of the prescribed dose is given initially, and the remaining half is administered 1-2 weeks later.

SPECIAL CLINICAL INFORMATION AND SPECIAL WARNINGS FOR TARGET SPECIES**Sheep**

To determine the need for this product and apply the most appropriate treatment option, it is recommended to accurately identify the underlying cause of metabolic or reproductive disorders. It is recommended to raise the product to body temperature before application.

Use during pregnancy: Although the safety of the product in pregnant animals has not been studied, no issues are expected when used during pregnancy and lactation.

ADVERSE EFFECTS

In cats, subcutaneous administration in the interscapular region may result in reactions at the injection site (swelling, edema, erythema, hardness).

DRUG INTERACTIONS

It should not be mixed with other veterinary medicinal products.

WITHDRAWAL PERIODS

Meat and milk: 0 (zero) days.

CONTRAINDICATIONS

It should not be used in animals known to be sensitive to its components.

GENERAL WARNINGS

If an unexpected effect occurs, consult a veterinarian. Keep out of reach of children.

PRECAUTIONS TO BE TAKEN BY THE ADMINISTRATOR AND WARNINGS FOR VETERINARY SURGEON

Individuals known to be sensitive to its components should avoid contact with the product. The product may cause mild irritation to the eyes or skin, so contact should be avoided. In case of accidental contact, the area should be washed thoroughly with water.

STORAGE CONDITIONS AND SHELF LIFE

Before and after opening, it should be stored in the original packages, protected from light, and below 25°C, without being placed in the refrigerator or freezer. The shelf life is 2 years.

DISPOSAL AFTER USE AND WARNINGS FOR NON-TARGET SPECIES

Used or leftover product should be disposed of in accordance with the relevant regulations.

COMMERCIAL PRESENTATION FORM

20 ml, 50 ml, 100 ml, and 250 ml amber-colored glass vials with cardboard boxes.

PLACE AND CONDITIONS OF SALE

It is sold in veterinary clinics and pharmacies with a veterinary prescription (VHP).

APPROVAL DATE OF LEAFLET: 04.01.2023

MARKETING AUTHORIZATION DATE AND NO: 19.10.2009 - 021/0094

NAME AND ADDRESS OF MARKETING AUTHORIZATION HOLDER

VİLSAN Veteriner İlaçları Tic. ve San. A.Ş.

Balıkhisar Mah. Balıkhisar Köy İçi Küme Evleri No:765A Akyurt/Ankara-Türkiye

MANUFACTURER COMPANY

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Made in Türkiye

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During the prenatal period, it should be used in addition to magnesium and calcium in cases of metabolic disorders, tetany, and paresis (milk fever).

USAGE AND DOSAGE

For detailed information, please read the leaflet.

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Meat and milk: 0 (zero) days.

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