

# DODICILE

Get your animals on their feet  
and eating again

**Injectable energy booster and metabolic enhancer**

- Fuels energy production
- Improves appetite and vitality
- Strengthens the immune system
- Fights stressful conditions
- Increases resistance to fatigue

# Dodicile

## COMPOSITION

1 ml contains:

- **Cyanocobalamin (vit. B<sub>12</sub>) 1 mg**
- **Thiamine hydrochloride (vit. B<sub>1</sub>) 100 mg**

### Thiamine (Vitamin B<sub>1</sub>)

Thiamine is a coenzyme for important metabolic reactions involved in energy production (decarboxylation and transketolation) and is essential to manufacture ATP. Thiamine improves the oxidation of carbohydrates during aerobic metabolism, and assists in breaking down proteins and fats.

Without high levels of thiamine, carbohydrates and proteins cannot be properly metabolized and deficiency can cause weakness, fatigue, heart complications, and brain degeneration.

### Cyanocobalamin (Vitamin B<sub>12</sub>)

Cyanocobalamin is a compound with vitamin B<sub>12</sub> activity, used in pharmaceuticals for its higher stability. In living organisms it is rapidly converted into the active form of vitamin B<sub>12</sub>, an essential cofactor of two important enzymes: methionine synthase and methylmalonyl-CoA mutase. Vitamin B<sub>12</sub> is vital for the metabolism of fatty acids, amino acids and for the conversion of propionic acid into glucose. Propionic acid from rumen fermentation of dietary carbohydrates is the major glucose precursor in ruminants, therefore the activity of vitamin B<sub>12</sub> is of great importance in these animals. Intramuscular administration of vitamin B<sub>12</sub> has been shown to increase gluconeogenesis from propionate, to decrease fat accumulation in the liver and to improve milk and milk protein yields.

**Dodicile requires an ARIL (Animal Remedies Import Licence) form.**

## INDICATIONS

- ✓ **Liver and metabolic dysfunctions:**  
**ketosis, acidosis, fatty liver, intoxication**
- ✓ **Growth dysfunction and debilitation:**  
**anorexia/inappetence, asthenia, convalescence**
- ✓ **Nervous and neuromuscular disease:**  
**neuritis and neuralgia, paresis/paralysis, tetany**
- ✓ **Toxic, infectious or parasitic anaemia, blood dyscrasia**
- ✓ **Muscular and physical fatigue, intensive sport and competitive activities**

Dodicile is an injectable solution, containing premium quality and highly bioavailable vitamins, to boost energy production.

## DOSAGE



**Cattle, horses:**  
5-10 ml



**Calves, foals:**  
2.5-5 ml



**Swine:**  
1.5-4 ml



**Piglets:**  
1-1.5 ml



**Dogs, cats:**  
0.5-1.5 ml  
If necessary.  
Repeat every 5-7 days

## PAKS

100-ml bottle



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