



I-CLOR

Dichloro Acetic Acid Injection

COMPOSITION :

Each ml contains :

Dichloro-acetic acid	120 mcg
Sodium gluconate USP	250 mg
Water For Injection BP	q.s.

INDICATIONS :

To help reduce the incidence of Tying Up by reducing the build-up of lactic acid in muscle cells.

ACTION :

I-CLOR contains dichloroacetic acid, which is an activator of the enzyme pyruvate dehydrogenase. This enzyme plays a central role in the process of lactic acid production during hard work. Supplementation with dichloroacetic acid (I-CLOR) results in activation of the enzyme pyruvate dehydrogenase, leading to a reduction in the rate of lactic levels results in a reduction in pH which contributes to muscle fatigue and decreased muscle performance. Supplementation with I-CLOR has been shown to reduce lactic acid accumulation during exercise, and produce a significant delay in muscle fatigue. The pathogenesis of Exertional Rhabdomyolysis("Tying Up") in Horses is related to lactic acidosis during exercise, and associated low muscle pH. Sodium bicarbonate and dimethylglycine (DMG), which may help to reduce lactic acid accumulation during exercise, have been used to assist in the prevention of Tying Up in horses. Similarly, I-CLOR results in a reduction in the rate of lactate accumulation, and a delay in the onset of muscle fatigue.

DOSAGE AND ADMINISTRATION :

Give 20 - 40 ml by Intravenous Injection(diluted in 1 Litre saline or administer via catheter). Administer once weekly for 4 weeks then discontinue for 4 weeks before repeating the course.

WITHDRAWAL PERIOD :

[Horses] : Nil

STORAGE :

Store at a temperature not exceeding 30°C.
Protect from light.


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