

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

Isometamidium Chloride Hydrochloride Powder 125 mg

Zamorin™ 125

Powder for Parenteral Administration.

COMPOSITION:

Each sachet contains:
Isometamidium Chloride Hydrochloride.....125 mg

DESCRIPTION:

Isometamidium & Aminophenanthridium compound has trypanocidal action used in curative and preventive treatment of animal trypanosomiasis.

INDICATIONS:

ZAMORIN 125 has trypanocidal action and is used in curative and preventive treatment of animal trypanosomiasis . Its spectrum of activity ranges includes *T. vivax* , *T. Congolese* , *T. brucei* and *T. evansi* in Cattle, Sheep, Goats, Camels, Horses and Dogs.

DOSAGE AND ADMINISTRATION:

Preparation of solution:

1% Solution : Dissolve 125mg powder present in 1 sachet in 12ml of sterile distilled water; shake gently to make the solution.

2% Solution : Dissolve 125mg powder present in 1 sachet in 6ml of sterile distilled water ; shake gently to make the solution.

The dosage should be adjusted according to sensitivity of local strains of trypanosome in consultation with the veterinarian.

Body Weight	CURATIVE TREATMENT		PREVENTIVE TREATMENT	
	1% Solution Dose volume (mL per animal)		2% Solution Dose volume (mL per animal)	
	0.25 mg/kg	0.5 mg/kg	0.25 mg/kg	0.5 mg/kg
50 kg	1.25 ml	2.5 ml	1.25 ml	2.5 ml
100 kg	2.50 ml	5 ml	2.50 ml	5 ml
150 kg	3.75 ml	7.5 ml	3.75 ml	7.5 ml
200 kg	5 ml	10 ml	5 ml	10 ml

USE IN BOVINES

1. Prevention of Trypanosomiasis:

Dosage:

Routine use: 0.5 mg active ingredient per kg body weight.

Use under heavy challenge : 1 mg active ingredient per kg body weight.

Frequency of dosing - For prophylactic effect, repeated injections are needed at intervals of 10- 12 weeks or more, depending upon the level of fly challenge. It is recommended that professional advice is sought on frequency of use and dose rate.

2. Treatment of Clinical Trypanosomiasis: Dosage: 0.25-0.5 mg active ingredient per kg body weight. When clinical cases occur the whole herd should be treated.

Injection Procedure: With sterile syringe and hypodermic needle inject DEEP INTO THE MUSCLE OF THE MIDDLE THIRD OF THE NECK. Use a 16-18 gauge x 1 inch-1.5 inch needle. Inject the whole dose before withdrawing the needle; apply firm pressure with the thumb to prevent any solution leaking from the injection site. Massage the site well.

In dairy cattle, work oxen and small calves other sites such as the rump or thigh may be used, injections being made deep into the muscle. Care should be taken to avoid damage to the vertebral column when injecting in the neck, or to the sciatic nerve when the thigh is injected. Care is also needed to prevent accidental subcutaneous injection of ZAMORIN solution. Doses in excess of 15 ml should be divided and should be injected at two different sites.

USE IN SHEEP AND GOATS

Prevention and Treatment of Trypanosomiasis:

Dosage: 0.5 mg active ingredient per 1 kg body weight.

Injection Procedure: With a sterile syringe and hypodermic needle inject DEEP INTO THE MUSCLE OF THE THIGH. Use a 20 gauge x 1 inch needle. Inject the whole dose before withdrawing the needle; apply firm pressure with the thumb to prevent any solution leaking from the injection site. Massage the site well. Care should be taken to avoid damage of the sciatic nerve and to prevent accidental subcutaneous injection of the solution.

Frequency of Dosing: For prophylactic effect, repeated injections are needed at intervals of 10-12 weeks or longer, depending upon the level of fly challenge. It is recommended that professional advice is sought on frequency of use. When clinical cases occur the whole group should be treated.

USE IN EQUINES

Prevention and Treatment of Trypanosomiasis:

Dosage: 0.5mg active ingredient per kg body weight.

Injection Procedure: The total volume required to treat the horse, should be divided and injected at two or three sites. With a sterile syringe and hypodermic needle inject DEEP INTO THE MUSCLE OF THE MIDDLE THIRD OF THE NECK OR IN THE RUMP. Use a 16-18 gauge x 1.5 inch needle. Inject the whole volume (i.e. half or one third of the total dose at each site) before withdrawing the needle; apply firm pressure with the thumb to prevent any solution leaking from the injection site. Massage the site well. Care must be taken to prevent accidental subcutaneous injection of the solution.

Frequency of Dosing: For prophylactic effect, repeat injections are needed at intervals of 8-16 weeks depending upon the level of fly challenge. It is recommended that professional advice is sought on frequency of use.

USE IN CAMELS Dosage: 0.5mg – 0.75mg active ingredient per kg body weight. **Injection Procedure:** Slow Intravenously.

WARNING & PRECAUTION:

- Use only freshly prepared solutions for injections.
- Do not inject subcutaneously as it is an irritant and may damage the subcutaneous tissue.
- Do not inject ZAMORIN with another trypanocide at the same time.
- ZAMORIN injections provoke tissue reactions at the injection site. These may persist for a considerable time. To minimise reaction, doses in excess of 15 ml should be divided and injected at two different sites.
- ZAMORIN is safe for use in breeding stock, including pregnant females, but care should be taken in handling such stock, particularly those in advanced pregnancy.
- If ZAMORIN is accidentally swallowed by humans it is not likely to be harmful. However, it is advisable to induce vomiting by any of the normal methods.
- Injection site lesions should be dissected out and discarded before carcasses or portions thereof are released for human consumption.

CONTRAINDICATIONS:

ZAMORIN should not be administered subcutaneously.

Avoid concurrent administration of other trypanocidal drugs .

SIDE EFFECTS: As far as systemic toxicity is concerned Isometamidium has a wide margin of safety.

WITHDRAWAL PERIOD: Meat : 1 Month ; Milk : Nil.

STORAGE: Store below 30°C in a dry place. Protect from light.

PRESENTATION: 10 Sachets of 125 mg packed in a primary carton along with the Pack Insert.

FOR VETERINARY USE - NOT FOR HUMAN USE. FOR ANIMAL TREATMENT ONLY. **KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.** Carefully read the accompanying instructions before use.

Manufactured & Marketed by:
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