

Category: POM

FANGTONG

Ivertong 2%

Ivermectin Injection 2%

Composition

Each ml contains ivermectin 20 mg.

Description

It is colorless to yellowish clear liquid, slightly viscous.

Pharmacology

Ivermectin is a member of the macrocyclic lactone class of endectocides which have a unique mode of action. Compounds of the class bind selectively and with high affinity to glutamate-gated chloride ion channels which occur in invertebrate nerve and muscle cells. This leads to an increase in the permeability of the cell membrane to chloride ions with hyperpolarization of the nerve or muscle cell, resulting in paralysis and death of the parasite. Compounds of this class may also interact with other ligand-gated chloride channels, such as those gated by the neurotransmitter gamma-aminobutyric acid (GABA). The margin of safety for compounds of this class is attributable to the fact that mammals do not have glutamate-gated chloride channels, the macrocyclic lactones have a low affinity for other mammalian ligand-gated channels and they do not readily cross the blood-brain barrier.

Indications

Ivertong 2% is indicated for the treatment and control of ivermectin sensitive internal and external parasites of cattle and sheep.

CATTLE

For the treatment of infections and infestations due to gastrointestinal roundworms, lungworms, grubs, sucking lice and mange mites:

Gastrointestinal roundworms: **Ostertagia ostertagi* (adults and fourth stage larvae including inhibited *O. ostertagi*); *O. lyrata* (adults); *Haemonchus placei* (adults and fourth stage larvae); *Trichostrongylus axei* (adults and fourth stage larvae); *T. colubriformis* (adults); *Cooperia oncophora* (adults and fourth stage larvae); *C. punctata* (adults); *C. pectinata*; *Oesophagostomum radiatum* (adults and fourth stage larvae); *Bunostomum phlebotomum*; *Nematodirus helvetianus* (adults only); *N. spathiger* (adults only); *Strongyloides papillosus* (adults)

Eye worms: *Thelazia spp.*

Lungworms: *Dictyocaulus viviparus* (adults and fourth stage larvae)

Cattle grubs (internal parasitic stages): *Hypoderma bovis*; *H. lineatum*

Sucking lice: *Linognathus vituli*; *Haematopinus eurysternus*; *Solenopotes capillatus*

Mites: *Sarcoptes scabiei* var. *bovis*; *Psoroptes ovis* (syn. *P. communis* var. *bovis*)

Persistent Activity

Ivertong 2% given at the recommended dosage controls infections and to protect from reinfection with *D. viviparus* and *O. radiatum* for 28 days after treatment; *O. ostertagi*, *T. axei*, and *C. punctata* for 21 days after treatment; *H. placei* and *C. oncophora* for 14 days after treatment.

SHEEP

For the treatment of infections due to gastrointestinal roundworms, lungworms, and larval stages of the nasal bot:

Gastrointestinal roundworms: Adults and immatures: *Haemonchus contortus*; *Ostertagia circumcincta*; *Trichostrongylus colubriformis*; *Cooperia curticei*; *Oesophagostomum columbianum*; *Chabertia ovina*. Adults: *Trichostrongylus axei*; *Oesophagostomum venulosum*; *Trichuris ovis*

Lungworms: *Dictyocaulus filaria* (adults and immatures)

Nasal bot: *Oestrus ovis* (all larval stages)

Dosage and administration

By subcutaneous injection only.

Cattle: 0.5 ml/50 kg (200 µg/kg) b.w. Inject under the loose skin in front of or behind the shoulder.

Sheep: 0.5 ml/50 kg (200 µg/kg) b.w. Inject the loose skin behind the shoulder.

To ensure administration of a correct dose, bodyweight should be determined as accurately as possible;

Choose proper dosing device and check the accuracy.

Consult local veterinarian for assistance to determine the best control program.

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Side effects

Transitory discomfort has been observed in some animals following subcutaneous administration. A low incidence of soft tissue swelling at the injection site has been observed. These reactions have disappeared without treatment.

Precautions and warnings

1. Do not administer intravenously or intramuscularly.
2. Divide doses greater than 10 mL between injection sites to reduce occasional discomfort to site reaction.
3. Different sites should be used for other parenteral products.
4. Do not use in other animal species because severe adverse reactions, including fatalities in dogs, may result.

Withdrawal periods

Meat and offal: Cattle - 49 days; Sheep - 35 days.

Milk: Non-lactating dairy cattle must not be treated with this drug for at least 2 months prior to calving. Not for use in lactating dairy cattle. Not for use in ewes where milk is to be used for human consumption.

Environmental safety

Ivermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the product or used container.

Presentation

Available in 10 ml, 50 ml and 100 ml bottle.

Storage

Store in a cool and dry place not above 30°C, protect from light.

Use within 28 days after first opening.

Keep the container tightly closed after each opening.

Validity

3 years.

Manufacturer

Chongqing Fangtong Animal Pharmaceutical Co., Ltd
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FOR VETERINARY USE ONLY
KEEP OUT OF REACH OF CHILDREN



EDITION NO.: 2412IVER FT VERIFY DATE: SINCE DEC., 2024

Leaflet Size: 100×130 mm 5000张