



Antiparasitic

0.5% pour-on sol 5 mg/mL

0.5% pour-on solution for cattle 5 mg/mL

PRODUCT DESCRIPTION: Dectomax Pour-On solution is a ready-to-use, systemically active, clear, light blue solution containing 0.5% w/v doramectin (5 mg/mL). It is formulate to deliver the recommended dosage of 500 mcg/kg (227 mcg/lb) of body weight when given by topical adminitration at the rate of 1 mL/22 lb (10 kg) of body weight. PRODUCT CHARACTERISTICS: Dectomax Pour-On solutio is a highly active, broad-spectrum parasiticide for topical administration to cattle. It contains doramectin, a novel fermentation-derived macrocyclic lactone. Doramectin is isolated from fermentations of selected strains derived from the soil organism Streptomyces avermitilis. A primary mode of action of macrocyclic lactones is to modulate chloride ion channel activity in the nervous system of nematodes and arthropods. Macrocyclic lactones bind to receptors that increase membrane permeability to chloride ions. This inhibits the electrical activity of nerve cells in mematodes and muscle cells in arthropod nerve cells in mematodes and muscle cells in arthropod and causes paralysis and death of the parasites. In mammading the neuronal receptors to which macrocyclic lactones bind to receptors to which macrocyclic lactones bind are localized within the central nervous system (CNS), a site reached by only negligible concentrations of doramectin.

One dose of Dectomax Pour-On solution effectively treats

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(CNS), a site reached by only tregnal
doramectin.

One dose of Dectomax Pour-On solution effectively tre
and controls a wide range of roundworm and arthropt
parasites that impair the health and productivity of ca
Studies have demonstrated the safety margin of dora
mectin. In USA trials, no toxic signs were seen in cat
given up to 25 times the recommended dose of Decto
injectable solution. A study using Dectomax Injectabls
solution also demonstrated safety in neonatal calves
treated with up to 3 times the recommended doses
treated with up to 3 times the recommended cose
organogenesis, implantation, and through gestation),
dose 3 times the recommended dose of Dectomax Inj
able solution had no effect on breeding performance
harmacokinetic study demonstrated that systemic e
harmacokinetic study demonstrated that systemic e
harmacokinetic study demonstrated from Dectomax Inje

ystemic exposure to oramectin from indution.

RODUCT INDICATIONS: Dectomax Pordicated for the treatment and control pecies of gastrointestinal roundworms yorms, grubs (see PRECAUTIONS), bittion of the same and mange mites in cattle. Coarian for assistance in the diagnosis, tool of parasitism.

strointestinal roundworms
Ostertagia ostertagi (adults and L₄, inc
O. lyrata (adults)
Haemonchus placei (adults and L₄)
Trichostrongylus axei (adults and L₄)
T. colubriformis (adults and L₄)
Cooperia oncophora (adults¹ and L₄)
C. pectinata (adults¹)

Trichostrongy...
Trichostrongy...
Trichostrongy...
Toolubriformis (adun...
Cooperia oncophora (adult
C. pectinata (adults)
C. surnabada (adults)
Bunostomum phlebotomum
Oesophagostomum radiatu
"ris spp. (adults)
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Bunostomum pl Oesophagoston Trichuris spp. (a Efficacy below 90 a some clinical stu ungworms (adults

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yeworms Thelazia gulosa (adults) T. skrjabini (adults) ice Biting Lice

ice
Biting Lice
Bovicola (Damalinia) bo
Sucking Lice
Haematopinus eurysterni ucking Lice Haematopinus eurystei Linognathus vituli Solenopotes capillatus

Linognathus vituli
Solenopotes capillatus
Dectomax Pour-On solution has been proved to effectively
control infections and to protect cattle from reinfection
with Cooperia oncophora, Dictyocaulus viviparus,
Ostertagia ostertagi; and Oesophagostomum radiatum for
28 days; and Cooperia punctata and Haemonchus placei
for 35 days after treatment.
Dectomax Pour-On solution has been proved to effectively
control infestations and to protect cattle from reinfestation
with Bovicola (Damalinia) bovis for 77 days and Linognathus
vituli for 42 days after treatment.
Management Considerations for Horn Flies
Dectomax Pour-On solution provides 7 days of persistent
activity against horn flies. The product should be used as
part of an integrated control program and be combined with
other methods for extended horn fly control. For optimal
horn fly control, consult with your veterinarian or a livestocle
entomologist.
DOSAGE: Administer Dectomax Pour-On solution to cattle
topically at a dosage of 500 mcg doramectin per kg
(227 mcg/lb) of body weight. Each mL contains 5 mg of
doramectin, sufficient to treat 22 lb (10 kg) of body weight.
For the best results, Dectomax Pour-On solution should be
a part of a parasite solutrol program for both internal and
external parasites based on the epidemiology of these pararises. Consult a veterinarian or an entomologist for intomation regarding the most effective timing of applications.
ADMINISTRATION: Dectomax Pour-On solution should be
applied topically along the mid-line of the back in a narrow
strip between the withers and tailhead.

asites. Consult a veterinarian or an entomologist for infor-mation regarding the most effective timing of applications. ADMINISTRATION: Dectomax Pour-On solution should be applied topically along the mid-line of the back in a narrow strip between the withers and tailhead. Dosing Cup [250-ml. and 1-1 bottles] A dosing cup is provided for use with Dectomax Pour-On solution supplied in 250-ml. and 1-1 bottles. The Dectomax Pour-On solution dosing cup should be installed by rotating the cup on the bottle neck until tight. When installed cor-rectly, the spout is aligned at the mid-point on the wide side of the bottle.

side of the bottle. The curved end of the dosing cup tube should be positioned at the bottom of the bottle on the side opposite the spout. When the dosing cup is in the closed position ("zero" at set dosage mark on screw), product does not enter the cup reservoir. Select a dose {1 mL per 22 lb (10 kg) of body weight] by twisting the dosing screw on the top of the dosing cup to the desired position. The first complete turn of the dosing screw will set the dose at 10 mL ("10" shows on the screw at set dose mark). Each additiona turn increases the dose in 5 mL increments until a maximum dose of 50 mL ("50" is the bottom number showing on screw at the set dose mark) is reached. When body weight is between weight markings on the dosing cup, use the higher dose volume.

Is between weight; markings on the absing cup, use the higher dose volume.

To fill the dosing reservoir, hold the bottle upright and squeeze it until a slight excess has been delivered as indicated by the calibration lines. Release the pressure and excess will automatically drain from the reservoir and return to the bottle.

Tilt the bottle to deliver the dose. Dectomax Pour-On solution should be delivered to cattle on the back in a single pass from the withers to the tailhead.

Applicators (2.5-1 and 5-L bottles)
Applicators are available for use with Dectomax Pour-On solution supplied in 2.5- and 5-L bottles. Directions for 2 recommended applicators are provided below. Some applicators may be incompatible with this formulation.

Phillips Pour-on Applicator System
1. Replace the shipping cap on 2.5- or 5-L bottle with the draw-off cap provided and tighten firmly.

2. Thread the draw-off tubing through the anti-kink spring. Attach the tube to the draw-off cap. Screw the spring counter clockwise over the tubing and draw-off spigot.

3. Invert the bottle.

4. Set the dose to maximum (50 mL). Gently prime the applicator, checking for leaks. To prime, place the nozzle into a clean, dry receptacle and depress lever fully. Pump 3-4 short strokes ensuring that the piston reaches the end of the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder, and then release the lever completely to fill the cylinder.

To disconnect the sy
 a) Set bottle in upw
 b) Discharge residu
 and draw-off tub
 dry receptacle.
 Tollow the manufact
 maintenance of the do
 8. Remove the draw-of
 and tighten firmly.
 Syrvet Pour-on Applic

tighten f et Pour-place th

tor System cap on the 2.5- or 5-2-ed and tighten firmly. ubing through the anti-raw-off cap. Screw the and draw-off spigot.

8. Remove the draw-off cap. Replace with the original cap and tighten firmly.

Syrvet Pour-on Applicator System

1. Replace the shipping cap on the 2.5- or 5-L bottle with the draw-off cap provided and tighten firmly.

2. Thread the draw-off tubing through the anti-kink spring. Attach the tube to the draw-off cap. Screw the spring clockwise over the tubing and draw-off spigot.

3. Invert the bottle.

4. Set the dose at the maximum (50 mL) by unscrewing the adjuster at the base of the handle. Gently prime the applicator, checking for leaks. To prime, point the nozele into a clean, dry receptacle and gently pump the lever back and forth to expel air from the system. When the barrel completely fills after every priming stroke, set the dose.

5. Set the dose as follows:

a) Use the handle to align the middle of the blue plunger ring with the chosen mark on the barrel. Tighten the adjuster screw against the handle. b) Secure the dose with the adjuster screw locknut. Note: Dose accuracy can be checked by dispensing a known number of set doses into a measuring cylinder. Correct any inaccuracy by adjusting the doses setting screw. Repeat this procedure until desired accuracy is achieved.

6. Administer each dose by fully depressing the handle so that the plunger travels its entire set length. Release the handle and the applicator will automatically refill.

7. To disconnect the system proceed as follows:
a) Set bottle in upward position.
b) Discharge residual material from the applicator and draw off tubing into a separate, dry receptacle.

8. Follow the manufacturer's recommendation for care and maintenance of the dosing applicator.

9. Remove the draw-off cap. Replace with the original cap and tighten firmly.

WARNING: Hammable! Keep away from heat, sparks, ope flame, and other sources of ignition. Not for human use. Keep out of reach of children. The Material Safety Data cared not children. The Material Safety Data cap the cap and the service coloning including a long-sleeved shirt, protective gloves, and hoots with

cessed for veal.

PRECAUTIONS:
Dectomax Pour-On solution has been decally for use in cattle only. This product in other animal species as severe adver including fatalities in dogs, may result. This product is to be applied to skin surf ot be used

parenterally. is of skin which are Do not apply to area

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This product is to be applied to skin surface only. Do not administer orally or parenterally.

Do not apply to areas of skin which are caked with mud or manure.

Wash hands after use.

Do not smoke or eat while handling the product.

Cloudiness in the formulation may occur when Dectomax Pour-On solution is stored at temperatures below 0°C (32°F Allowing to warm to room temperature will restore the normal appearance without affecting efficacy.

Dectomax Pour-On solution is highly effective against catt grubs. However, proper timing of treatment is important. Frost effective results, cattle should be treated as soon as possible after the end of the heel fly (warble) season best possible after the end of the heel fly (warble) season best possible after the end of the heel fly (warble) season best possible after the end of the heel fly (warble) season best provided for the season as possible after the end of the heel fly (warble) season best provided for the season as possible after the end of the heel fly (warble) season best provided for the season as possible after the end of the heel fly (warble) season best provided for the season as possible after the end of the heel fly (warble) season best provided for the season as possible after the end of heel fly possible for the season as possible after the season for the season as possible after the season for fly the season for the se

Consult your veterinarian for assistar reatment, and control of parasitism.

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TAKE TIME OBSERVE LABEL DIRECTIONS

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