







**F.P.O.**  
Code 128:055437005

Medicinal Ingredient: Doramectin, 5 mg/mL

**Indications:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, biting and sucking lice, choropotic and sarcoptic mange mites and horn flies in cattle. See enclosed package insert for complete list of parasites. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as outlined in the enclosed package insert under PERSISTENT ACTIVITY.

**Dosage and Administration:** A single dose of 1 mL of solution (5 mg of doramectin) per 10 kg of body weight (500 µg/kg) administered topically.

**Warnings:** (1) Treated animals must not be slaughtered for use as food for at least 55 days after the last treatment. (2) This drug is a controlled product and not be used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating dairy cows must not be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**Precautions:** Flammable! Keep away from heat, sparks, open flame and other sources of ignition.

**Storage:** Store below 30°C. Protect from light by replacing partially used containers in the outer carton. See package insert for complete indications and directions for use.

\* Registered trade-mark of Pfizer Products Inc.; Pfizer Canada Inc., licensee.

**zoetis** Zoetis Canada Inc.  
Kirkland, QC H9J 2M5

7515013

05-5437-00-5

DIN 02236566



**doramectin**  
**pour-on solution**  
**solution à verser**  
**de doramectin**

*Veterinary Use Only*  
*Usage vétérinaire seulement*

broad-spectrum parasiticide  
parasiticide à large spectre

*for cattle/pour bovins*

**Net 250 mL**

**Ingrediént médicinal :** 5 mg de doramectine par mL  
**Indications :** La solution à verser Dectomax est indiquée pour le traitement des infections et des infestations parasitaires attribuables aux vers gastro-intestinaux, aux vers de l'œil, aux vers du poumon, aux hypodermes, aux poux suceurs et broyeurs, aux mites de la gale choropotique et sarcoptique, et aux roussettes des cornes chez les bovins. Voir la liste complète des parasites traités dans le dépliant à l'arrière, en vertu de ses effets rémanents, ce produit maîtrise aussi certaines infections et infestations parasitaires spécifiées dans le dépliant sous la rubrique ACTIVITE PERSISTANTE.

**Posologie et administration :** Une seule dose de 1 mL de solution (5 mg de doramectine) par 10 kg de poids corporel (500 µg/kg), administré par voie topique.

**Mises en garde :** (1) Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai d'au moins 55 jours après le dernier traitement avec cette drogue. (2) Ce produit ne doit pas être utilisé chez les vaches laitéres en lactation. (3) Aucune période d'attente n'ayant été établie relativement au lait, ce produit ne doit pas traiter les vaches laitéres tant qu'il n'aura pas deux mois avant la mise bas. (4) Garder hors de la portée des enfants. (5) Éviter tout contact avec les yeux et la peau.

**Attention :** Inflammable! Tenir éloigné de toute source de chaleur ou d'étincelles, de toute flamme nue et autres sources d'inflammation.

**Entreposage :** Conserver à une température inférieure à 30 °C. Protéger de la lumière en replaçant les contenants partiellement utilisés dans la boîte.

**Voir le dépliant pour les indications et le mode d'emploi au complet.**  
\* Marque déposée de Pfizer Products Inc.; Pfizer Canada Inc., licencié.

**zoetis**  
F.P.O.  
UPC  
0 87219 03087 5

LOT  
EXP.

PATTERN  
VARNISH  
05-5437-00-5



F.P.O.  
Code 126:055440004

Medicinal ingredient: Doramectin, 5 mg/ml.

**Indications:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, biting and sucking lice, chorioptic and sarcoptic mange, and ticks. See package insert for complete list of parasites. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as

#### PERSISTENT ACTIVITY ENDOPARASITES

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, controls certain parasitic infections and infestations due to *Cooperia oncophora* for 21 days after treatment, *Ostertagia ostertagi*, *Trichostrongylus axei* and *Oesophagostomum radiatum* for 28 days after treatment and *Dicycylus vulgaris* for 42 days after treatment.

#### ECTOPARASITES

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, controls certain parasitic infections and infestations due to *Haematomyzus irritans* for 7 days after treatment, *Dama-nia (Bovicola) bovis* and *Lingnathus vitalis* for 42 days after treatment and *Solenopeltis capitulatus* for 35 days after treatment.

**Dosage and Administration:** A single dose of 1 mL of solution (5 mg doramectin) per 10 kg of body weight (500 µg/kg) administered topically.

**Warnings:** (1) Treat animals must not be slaughtered for use as food for at least 95 days after the latest treatment. (2) Do not use in pregnant animals used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating cattle cannot yet be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**Precautions:** Flammable! Keep away from heat, sparks, open flame and other sources of ignition.

**Storage:** Store below 30°C. Protect from light. Do not freeze. Do not puncture or damage the outer container.

See package insert for complete indications and directions for use.

\* Registered trade-mark of Pfizer Products Inc.; Pfizer Canada Inc., licensee.

**zoetis** Zoetis Canada Inc.  
Kirkland, QC H9J 2M5

7518013

05-5440-00-4

DIN 02236566



**DECTOMAX®**

**doramectin  
pour-on solution  
solution à verser  
de doramectin**

**Veterinary Use Only  
Usage vétérinaire seulement**

**broad-spectrum parasiticide  
parasiticide à large spectre  
for cattle/pour bovins**

**Net 5 L**

**zoetis**

Ingrédient médicinal : 5 mg de doramectin par ml.

**Indications :** La solution à verser Dectomax est indiquée pour le traitement des infections et des infestations parasitaires attribuables aux vers gastro-intestinaux, aux vers de l'œil, aux vers du poumon, aux hypodermines, aux poux suceurs et broyeurs, aux tiques de la peau, de la poitrine et sanguinolentes, et aux griffades des cornes et les griffes. Voir la liste complète des parasites dans le tableau ci-inclus. En outre, en vertu de ses effets résiduels, ce produit maîtrise aussi certaines infections et infestations parasitaires spécifiées ci-dessous:

#### ACTIVITE PERSISTANTE

**ENDOPARASITES**  
La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin par kg de poids corporel, maîtrise efficacement les infections et les réinfestations dues à *Cooperia oncophora* durant 21 jours après le traitement, *Ostertagia ostertagi*, *Trichostrongylus axei* et *Oesophagostomum radiatum* durant 28 jours après le traitement, et *Dicycylus vulgaris* durant 42 jours après le traitement.

#### ECTOPARASITES

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin par kg de poids corporel, maîtrise efficacement les infections et les réinfestations dues à *Haematomyzus irritans* durant 7 jours après le traitement, *Dama-nia (Bovicola) bovis* et *Lingnathus vitalis* durant 42 jours après le traitement, et *Solenopeltis capitulatus* durant 35 jours après le traitement.

#### Précautions et instructions

Une seule dose de 1 mL, soit 5 mg de doramectin par 10 kg de poids corporel (500 µg/kg), administré par voie topique.

**Mises en garde :** (1) Les animaux traités ne doivent pas être abatues à des fins alimentaires dans un délai d'au moins 95 jours après le dernier traitement avec cette drogue. (2) Ce produit ne doit pas être utilisé chez les vaches laitières en lactation. (3) Ne pas donner de lait de vache traitée à un enfant de moins de 2 ans ou un enfant de moins de 3 ans qui n'a pas été traité au moins deux mois avant la mise bas. (4) Garder hors de la portée des enfants. (5) Eviter tout contact avec les yeux et la peau.

**Attention :** Flammable! Tenir éloigné de toute source de chaleur ou d'éléments, de toute flamme nue et d'autres sources d'inflammation.

**Entreposage :** Conserver à une température inférieure à 30°C. Protéger de la lumière en repliant les contenants partiellement utilisés dans la boîte.

**Voir le dépliant pour les indications et le mode d'emploi au complet.**

\* Marque déposée de Pfizer Products Inc.; Pfizer Canada Inc., licencie.

LOT  
EXP.



0 87219 03093 6



Pattern  
Varnish  
05-5440-00-4



FPO UCC/EAN  
(01)10087219069247301

**Medicinal Ingredient:** Doramectin, 5 mg/mL

**Indications:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lung-worms, grubs, biting and sucking lice, chorioptic and sarcoptic mange mites and horn flies in cattle. See enclosed package insert for complete list of parasites. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as outlined below:

**PERSISTENT ACTIVITY**

**ENDOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infections and reinfections with *Cooperia oncophora* for 21 days after treatment, *Ostertagia ostertagi*, *Trichostrongylus axei* and *Desophagostomum radiatum* for 28 days after treatment and *Dictyocaulus viviparus* for 42 days after treatment.

**ECTOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infestations and reinfections with *Haematoobia irritans* for 7 days after treatment, *Dama-linia (Bovicola) bovis* and *Linognathus vituli* for 42 days after treatment and *Solenopotes capillatus* for 35 days after treatment.

**Dosage and Administration:** A single dose of 1 mL of solution (5 mg doramectin) per 10 kg body weight (500 µg/kg) administered topically.

**Precautions:** Flammable! Keep away from heat, sparks, open flame and other sources of ignition.

**Storage:** Store below 30°C. Protect from light by replacing partially used containers in the outer carton.

See package insert for complete indications and directions for use.

\* Registered trade-mark of Pfizer Products Inc.; Pfizer Canada Inc., licensee.

**Flammable Liquid, N.O.S.  
(contains Isopropanol)  
UN 1993**

**zoetis** Zoetis Canada Inc.  
Kirkland, QC H9J 2M5

7890013

830 702 001

DIN 02236566



**Veterinary Use Only**

**Usage vétérinaire seulement**

broad-spectrum parasiticide  
parasiticide à large spectre

for cattle/pour bovins

**Warnings:** (1) Treated animals must not be slaughtered for use as food for at least 55 days after the latest treatment with this drug. (2) This drug must not be used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating dairy cows must not be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**Mises en garde :** (1) Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai d'au moins 55 jours après le dernier traitement avec ce médicament. (2) Ce médicament ne doit pas être utilisé chez les vaches laitières en lactation. (3) Aucune période d'attente n'ayant été établie relativement au lait, on ne doit pas traiter les vaches laitières taries moins de deux mois avant la mise bas. (4) Garder hors de la portée des enfants. (5) Éviter tout contact avec les yeux et la peau.

**Net 22 L**



**Ingrédient medicinal :** 5 mg de doramectin par mL

**Indications :** La solution à verser Dectomax est indiquée pour le traitement des infections et des infestations parasitaires attribuables aux vers gastro-intestinaux, aux vers de l'œil, aux vers du poumon, aux hypodermines, aux poux suceurs et broyeurs, aux mites de la gale chorioptique et sarcoptique, et aux mouches des cornes chez les bovins. Voir la liste complète des parasites dans le dépliant ci-inclus. En outre, en vertu de ses effets rémanents, ce produit maîtrise aussi certaines infections et infestations parasitaires spécifiées ci-dessous:

**ACTIVITÉ PERSISTANTE**  
**ENDOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infections et les réinfections dues à *Cooperia oncophora* durant 21 jours après le traitement, *Ostertagia ostertagi*, *Trichostrongylus axei* et *Desophagostomum radiatum* durant 28 jours après le traitement, et *Dictyocaulus viviparus* durant 42 jours après le traitement.

**ECTOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infestations et les réinfestations dues à *Haematoobia irritans* durant 7 jours après le traitement, *Damalinia (Bovicola) bovis* et *Linognathus vituli* durant 42 jours après le traitement, et *Solenopotes capillatus* durant 35 jours après le traitement.

**Posologie et administration :** Une seule dose de 1 mL de solution (5 mg de doramectin) par 10 kg de poids corporel (500 µg/kg), administré par voie topique.

**Attention :** Inflammable! Tenir éloigné de toute source de chaleur ou d'étincelles, de toute flamme nue et autres sources d'inflammation.

**Entreposage :** Conserver à une température inférieure à 30 °C. Protéger de la lumière en replaçant les contenants partiellement utilisés dans la boîte.

**Voir le dépliant pour les indications et le mode d'emploi au complet.**

\* Marque déposée de Pfizer Products Inc.; Pfizer Canada Inc., licencié.

**Liquide inflammable, N.S.A.  
(contient de l'isopropanol)**

**UN 1993**

FPO 128  
830 702 001

LOT  
EXP.



F.P.O.

Code 128:055439005

**Medicinal Ingredient:** Doramectin, 5 mg/mL  
**Indications:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, biting and sucking lice, chorioptic and sarcoptic mange mites and horn flies in cattle. See enclosed package insert for complete list of parasites. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as outlined below:

**PERSISTENT ACTIVITY****ENDOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infections and reinfections with *Cooperia oncophora* for 21 days after treatment, *Ostertagia ostertagi*, *Trichostrongylus axei* and *Desophagostomum radiatum* for 28 days after treatment and *Dictyocaulus viviparus* for 42 days after treatment.

**ECTOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infestations and reinfections with *Haematobia irritans* for 7 days after treatment, *Damalinia (Bovicola) bovis* and *Linognathus vituli* for 42 days after treatment and *Solenopotes capillatus* for 35 days after treatment.

**Dosage and Administration:** A single dose of 1 mL of solution (5 mg doramectin) per 10 kg of body weight (500 µg/kg) administered topically.

**Warnings:** (1) Treated animals must not be slaughtered for use as food for at least 55 days after the latest treatment with this product. (2) This product must not be used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating dairy cows must not be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**Precautions:** Flammable! Keep away from heat, sparks, open flame and other sources of ignition.

**Storage:** Store below 30°C. Protect from light by replacing partially used containers in the outer carton.

See package insert for complete indications and directions for use.

\* Registered trade mark of Pfizer Products Inc., Pfizer Canada Inc., licensee.

**zoetis** Zoetis Canada Inc.  
Kirkland, QC H9J 2M5

7517013

05-5439-00-5

DIN 02236566



# PECTOMAX\*

**doramectin**  
**pour-on solution**  
**solution à verser**  
**de doramectin**

**Veterinary Use Only**  
**Usage vétérinaire seulement**  
**broad-spectrum parasiticide**  
**parasiticide à large spectre**  
**for cattle/pour bovins**

**Net 2.5 L**

**zoetis**



**Ingédient medicinal :** 5 mg de doramectin par mL

**Indications :** La solution à verser Dectomax est indiquée pour le traitement des infections et des infestations parasitaires attribuables aux vers gastro-intestinaux, aux vers de l'œil, aux vers du poumon, aux hypoderms, aux poux suceurs et broyeurs, aux mites de la gale chorioptique et sarcoptique, et aux mouches dans le dépliant ci-inclus. En outre, en vertu de ses effets rémanents, ce produit maîtrise aussi certaines infections et infestations parasitaires spécifiées ci-dessous:

**ACTIVITÉ PERSISTANTE****ENDOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infections et les réinfestations dues à *Cooperia oncophora* durant 21 jours après le traitement, *Ostertagia ostertagi*, *Trichostrongylus axei* et *Desophagostomum radiatum* durant 28 jours après le traitement, et *Dictyocaulus viviparus* durant 42 jours après le traitement.

**ECTOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infestations et les réinfestations dues à *Haematobia irritans* durant 7 jours après le traitement, *Damalinia (Bovicola) bovis* et *Linognathus vituli* durant 42 jours après le traitement, et *Solenopotes capillatus* durant 35 jours après le traitement.

**Posologie et administration :** Une seule dose de 1 mL de solution (5 mg de doramectin) par 10 kg de poids corporel (500 µg/kg), administré par voie topique.

**Mises en garde :** (1) Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai d'au moins 55 jours après le dernier traitement avec cette drogue. (2) Ce produit ne doit pas être utilisé chez les vaches laitées en lactation. (3) Aucune période d'attente n'a été établie relativement au lait, on ne doit pas traiter les vaches laitées taries moins de deux mois avant la mise bas. (4) Garder hors de la portée des enfants. (5) Éviter tout contact avec les yeux et la peau.

**Attention :** Inflammable! Tenir éloigné de toute source de chaleur ou d'électricité, de toute flamme nue et autres sources d'inflammation.

**Entreposage :** Conserver à une température inférieure à 30 °C. Protéger de la lumière en repliant les contenants partiellement utilisés dans la boîte.

Voir le dépliant pour les indications et le mode d'emploi au complet.

\* Marque déposée de Pfizer Products Inc., Pfizer Canada Inc., licencié.

EXP  
LOT



Pattern  
Varnish  
05-5439-00-5



**Medicinal Ingredient:** Doramectin, 5 mg/mL

**Indications:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, biting and sucking lice, chorioptic and sarcoptic mange mites and horn flies in cattle. See enclosed package insert for complete list of parasites. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as outlined below:

**PERSISTENT ACTIVITY**

**ENDOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infections and reinfestations with *Cooperia oncophora* for 21 days after treatment, *Ostertagia ostertagi*, *Trichostrongylus axei* and *Desophagostomum radiatum* for 28 days after treatment and *Dictyocaulus viviparus* for 42 days after treatment.

**ECTOPARASITES**

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infestations and reinfestations with *Haematobia irritans* for 7 days after treatment, *Damalinia (Bovicola) bovis* and *Linognathus vituli* for 42 days after treatment and *Solenopotes capillatus* for 35 days after treatment.

**Dosage and Administration:** A single dose of 1 mL of solution (5 mg doramectin) per 10 kg of body weight (500 µg/kg) administered topically.

**Warnings:** (1) Treated animals must not be slaughtered for use as food for at least 55 days after the latest treatment with this drug. (2) This product must not be used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating dairy cows must not be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**Precautions:** Flammable! Keep away from heat, sparks, open flame and other sources of ignition.

**Storage:** Store below 30°C. Protect from light by replacing partially used containers in the outer carton.

**See package insert for complete indications and directions for use.**

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**zoetis** Zoetis Canada Inc.  
Kirkland, QC H9J 2M5

7516013

05-5438-00-4

**DIN 02236566**



**DECTOMAX®**

**doramectin**

**pour-on solution  
solution à verser  
de doramectin**

**Veterinary Use Only  
Usage vétérinaire seulement**

**broad-spectrum parasiticide  
parasiticide à large spectre**

**for cattle/pour bovins**

**Net 1 L**

**zoetis**

**F.P.O.  
UPC**  
0 87219 03089 9

**Ingredient médicinal :** 5 mg de doramectin par mL

**Indications:** La solution à verser Dectomax est indiquée pour le traitement des infections et des infestations parasitaires attribuables aux vers gastro-intestinaux, aux vers de l'œil, aux vers du poumon, aux hypodermes, aux poux suceurs et broyeurs, aux mites de la gale choriotique et sarcoptique, et aux mouches des cornes chez les bovins. Voir la liste complète des parasites dans le dépliant ci-inclus. En outre, en vertu de ses effets rémanents, ce produit maîtrise aussi certaines infections et infestations parasitaires spécifiées ci-dessous:

**ACTIVITE PERSISTANTE  
ENDOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infections et les réinfections dues à *Cooperia oncophora* durant 21 jours après le traitement, *Ostertagia ostertagi*, *Trichostrongylus axei* et *Desophagostomum radiatum* durant 28 jours après le traitement, et *Dictyocaulus viviparus* durant 42 jours après le traitement.

**ECTOPARASITES**

La solution à verser Dectomax, administrée à la posologie recommandée de 500 µg de doramectin au kg de poids corporel, maîtrise efficacement les infestations et les réinfestations dues à *Haematobia irritans* durant 7 jours après le traitement, *Damalinia (Bovicola) bovis* et *Linognathus vituli* durant 42 jours après le traitement, et *Solenopotes capillatus* durant 35 jours après le traitement.

**Posologie et administration :** Une seule dose de 1 mL de solution (5 mg de doramectin) par 10 kg de poids corporel (500 µg/kg), administré par voie topique.

**Mises en garde :** (1) Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai d'au moins 55 jours après le dernier traitement avec cette drogue. (2) Ce produit ne doit pas être utilisé chez les vaches laitières en lactation. (3) Aucune période d'attente n'ayant été établie relativement au lait, on ne doit pas traiter les vaches laitières tardis moins de deux mois avant la mise bas. (4) Garder hors de la portée des enfants. (5) Éviter tout contact avec les yeux et la peau.

**Attention :** Inflammable! Tenir éloigné de toute source de chaleur ou d'étincelle, de toute flamme nue et autres sources d'inflammation.

**Entreposage :** Conserver à une température inférieure à 30 °C. Protéger de la lumière en repliant les contenants partiellement utilisés dans la boîte.

**Voir le dépliant pour les indications et le mode d'emploi au complet.**

\*Marque déposée de Pfizer Products Inc.; Pfizer Canada Inc., licencié.

**LOT  
EXP.**



Pattern  
Varnish  
05-5438-00-4



# DECTOMAX®

doramectin  
pour-on solution

for cattle

**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 formulated to deliver the recommended dosage of 500 µg of doramectin per kg of body weight when given by topical administration at the rate of 1 mL per 10 kg of body weight.

**CHARACTERISTICS:** Dectomax Pour-On solution is a highly active, broad-spectrum parasiticide for topical administration to cattle. It contains doramectin, a novel fermentation-derived avermectin discovered by Pfizer Inc. Doramectin is isolated from fermentations of selected strains derived from the soil organism *Streptomyces avermitilis*.

A primary mode of action of avermectins is to modulate chloride ion channel activity in the nervous system of nematode and arthropod parasites. Avermectins bind receptors that increase membrane permeability to chloride ions. This inhibits the electrical activity of nerve cells in nematodes and muscle cells in arthropods and causes paralysis and death of the parasites. In mammals, the neuronal receptors to which avermectins bind are localized within the central nervous system (CNS), a site reached by negligible concentrations of doramectin.

One dose of Dectomax Pour-On solution effectively eliminates a wide range of roundworm and arthropod parasites that impair the health and productivity of cattle.

Studies have demonstrated a wide safety margin of Dectomax Pour-On solution. In target animal safety trials, no toxic signs were seen in cattle given up to 25 times the recommended dose. In breeding animals (bulls, and cows in early and late pregnancy), a dose 3 times the recommended dose had no effect on breeding performance.

**INDICATIONS:** Dectomax Pour-On solution is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, biting and sucking lice, chorioptic and sarcoptic mange mites and horn flies in cattle, as outlined below. In addition, due to its persistent effect, Dectomax Pour-On solution also controls certain parasitic infections and infestations as outlined under PERSISTENT ACTIVITY.

## GASTROINTESTINAL ROUNDWORMS

- Ostertagia ostertagi* (adults, L<sub>4</sub> and inhibited L<sub>4</sub>)
- O. lyrata* (adults and L<sub>4</sub>)
- Haemonchus placei* (adults and L<sub>4</sub>)
- Trichostrongylus axei* (adults and L<sub>4</sub>)
- T. colubriformis* (adults and L<sub>4</sub>)
- Cooperia oncophora* (L<sub>4</sub> only)
- C. pectinata* (adults only)
- C. punctata* (adults and L<sub>4</sub>)
- C. surinabida* (mcmasteri) (adults only)
- Bunostomum phlebotomum* (adults only)
- Desophagostomum radiatum* (adults and L<sub>4</sub>)
- Trichuris ovis* (adults only)

Dectomax Pour-On solution is also indicated as an aid in the treatment of parasitic infections due to adult *C. oncophora* in cattle.

## EWORMS

- Dictyocaulus viviparus* (adults and L<sub>4</sub>)
- Thelazia gulosa* (adults only)
- T. skrjabini* (adults only)

## CATTLE GRUBS (migrating larvae)

- Hypoderma bovis*
- H. lineatum*

## MANGE MITES

- Choriopetes bovis*
- Sarcopeltis scabiei*

## HORN FLIES

- Haematobia irritans*

## BITING AND SUCKING LICE

- Damalinia (Bovicola) bovis*
- Haematopinus eurysternus*
- Linognathus vituli*
- Solenopotes capillatus*

## PERSISTENT ACTIVITY

### ENDOPARASITES

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infections and reinfections with *Cooperia oncophora* for 21 days after treatment, *Ostertagia ostertagi*, *Trichostrongylus axei* and *Desophagostomum radiatum* for 28 days after treatment, and *Dictyocaulus viviparus* for 42 days after treatment.

### ECTOPARASITES

Dectomax Pour-On solution, given at the recommended dosage of 500 µg of doramectin per kg body weight, effectively controls infestations and reinfestations with *Haematobia irritans* for 7 days after treatment, *Damalinia (Bovicola) bovis* and *Linognathus vituli* for 42 days after treatment and *Solenopotes capillatus* for 35 days after treatment.

**DOSAGE:** Administer Dectomax Pour-On solution to cattle topically at a dosage of 500 µg of doramectin per kg of body weight. Each mL contains 5 mg of doramectin, sufficient to treat 10 kg of body weight.

For the best results, Dectomax Pour-On solution should be a part of a parasite control program for both internal and external parasites based on the epidemiology of these parasites. Consult a veterinarian or an entomologist for information 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.

### EFFECT OF RAINFALL

Two clinical studies were conducted to evaluate the effect of simulated rainfall on the efficacy of Dectomax Pour-On solution against certain parasitic nematodes of cattle.

One study evaluated the therapeutic efficacy of Dectomax Pour-On solution in calves artificially infected with nematodes by assessing the effect of simulated rainfall on worm burdens recovered at necropsy, efficacy against *D. viviparus*, *C. oncophora*, and *O. ostertagi* infections was not affected when calves were exposed to simulated rainfall (duration=40 minutes) 60 minutes before treatment, 20 minutes after treatment, or 40 minutes after treatment.

The other study evaluated the therapeutic efficacy of Dectomax Pour-On solution in calves infected with nematodes by assessing effect of simulated rainfall on nematode egg count reduction; the product was ≥97% efficacious in reducing trichostrongylid-type egg counts when calves were exposed to simulated rainfall (duration=35 minutes) immediately before treatment, 90 minutes after treatment, or 24 hours after treatment.

Please note that data is not available regarding the effect of rainfall on the efficacy of this product against other internal parasites or any ectoparasites.

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

### DIRECTIONS FOR USING THE DOSING CUP (1 L bottles)

The Dectomax Pour-On dosing cup should be installed by rotating the cup on the bottle neck until tight. When installed correctly, the spout is aligned at the mid-point on the wide 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 10 kg or 22 lb 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 set screw at set dose mark). Each additional 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.

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.

Partially used containers should be stored with the dosing cup removed and the original cap secured tightly in place.

### DIRECTIONS FOR USE OF PHILLIPS POUR-ON APPLICATOR SYSTEM

1. Replace the shipping cap on 2.5 or 5.0 L backpack with draw-off cap provided. Tighten this draw-off cap.
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 backpack.
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. Then, pump 3 to 4 short strokes ensuring that the piston reaches the end of the cylinder, then release the lever completely to fill the cylinder. A small air bubble may appear within the cylinder. This will not affect the dosing accuracy.
5. Set the required dose and administer.

### 6. To disconnect the system, proceed as follows:

- a) Set backpack in upward position.
- b) Discharge residual material from the applicator and draw-off tubing into a separate, clean, dry receptacle.
- c) Remove draw-off cap. Replace with the original cap and tighten firmly.

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

### DIRECTIONS FOR USE OF SYRVENT POUR-ON APPLICATOR SYSTEM

1. Replace the shipping cap on the 2.5 or 5.0 L backpack with the draw-off cap provided. Tighten the draw-off cap.
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 backpack.
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 nozzle 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 dose 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 backpack in upward position.
  - b) Discharge residual material from the applicator and draw-off tubing into a separate, dry receptacle.
  - c) Remove draw-off cap. Replace with the original cap and tighten firmly.

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

### DIRECTIONS FOR USE OF APPLICATOR SYSTEM FOR 22 L CONTAINER

1. Attach tube to hose barb on draw-off cap provided.
2. Remove shipping cap from container and replace with draw-off cap.
3. Place the external draw-up tube onto the external hose barb, positioned on the outside (top) of the draw-off cap. Screw the anti-kink spring over the tube and hose barb.
4. Attach the other end of the hose to the hose barb on the pour-on applicator. Screw the anti-kink spring over the tube and gun's hose barb.
5. Set the applicator to the maximum dose. Prime the applicator. Check for leaks, or any air bubbles entering the hose. Place the nozzle of the applicator into a clean, dry receptacle and depress finger grip, pump these grips until the cylinder is full of product and the air is removed. A small bubble may appear in the cylinder. This will not affect dosing accuracy.
6. Select the desired dose and administer product.
7. To disconnect the system, proceed as follows:
  - a) Carefully unscrew the breather cap from the container. Lift the internal draw tube until it is clear of Dectomax Pour-On in the 22-L container.
  - b) Place the nozzle of the gun back into the 22-L container and squeeze the finger grips until all product is removed from the tube and applicator.
  - c) Replace original shipping cap onto the 22-L container.
8. Follow manufacturer's recommendation for care and storage of the dosing applicator.

**WARNINGS:** (1) Treated animals must not be slaughtered for use as food for at least 55 days after the latest treatment with this drug. (2) This drug must not be used in lactating dairy cows. (3) Because a withdrawal time for milk has not been established, non-lactating dairy cows must not be treated within two months of calving. (4) Keep out of reach of children. (5) Avoid contact with skin and eyes.

**CAUTIONS:** Dectomax Pour-On solution is highly effective against the migrating larvae of cattle grubs. However, proper timing of treatment is important. For most effective results, cattle should be treated as soon as possible after the end of the heel fly (warble) season.

Destruction of *Hypoderma* larvae (cattle grubs) at the period when these grubs are in vital areas may cause undesirable host-parasite reactions including the possibility of fatalities. Killing *Hypoderma lineatum* when it is in the tissue surrounding the gullet may cause bloat; killing *H. bovis* when it is in the vertebral canal may cause staggering or paralysis. These reactions are not specific to treatment with Dectomax Pour-On solution, but can occur with any successful treatment of grubs. Cattle should be treated either before or after the migratory phase of grub development. Consult your veterinarian concerning the proper time for treatment.

Cattle treated with Dectomax Pour-On solution after the end of heel fly season may be re-treated with this product during the winter for internal parasites, mange mites, or biting and sucking lice, without danger of grub-related reactions. A planned parasite control program is recommended.

This product is to be applied to skin surfaces only. Do not administer orally or parenterally. This product has been developed specifically for use in cattle only, and should not be used in other animal species as severe adverse reactions, including fatalities in dogs, may result.

**PRECAUTIONS:** Flammable! Keep away from heat, sparks, open flame or other sources of ignition.

**ENVIRONMENTAL SAFETY:** Studies indicate that when doramectin comes in contact with the soil, it readily and tightly binds to the soil and becomes inactive over time. Free doramectin may adversely affect fish or certain water-borne organisms on which they feed. Do not contaminate water by direct application or by the improper disposal of drug containers. Dispose of containers in an approved landfill or by incineration.

**STORAGE:** Store below 30°C. Protect from light by replacing partially used containers in the outer carton.

**PACKAGE INFORMATION:** Dectomax Pour-On solution is available in 1 L, 2.5 L, 5 L and 22 L multi-dose containers.

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