



Company Name: INTERNATIONAL ANIMAL HEALTH PRODUCTS PTY LTD

Product Name: AUSMECTIN CATTLE POUR-ON

APVMA Approval No: 59900/103329

Label Name:	AUSMECTIN CATTLE POUR-ON
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	5 mg/mL IVERMECTIN
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Claims:	<p>For the treatment and control of ivermectin sensitive internal and external parasites of cattle.</p> <p>INDICATIONS For the treatment and control of ivermectin-sensitive gastrointestinal nematodes (including inhibited immature <i>Ostertagia ostertagi</i>), lungworms (<i>Dictyocaulus viviparus</i>), eyeworms (<i>Thelazia</i> spp.), sucking and biting lice, chorioptic and sarcoptic mange mites, buffalo flies (<i>Haematobia irritans exigua</i>) and cattle ticks [<i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i>].</p> <p>AUSMECTIN® Cattle Pour-On is a ready-to-use solution of ivermectin, which is a member of the avermectin family. The avermectins are potent broad-spectrum antiparasitic agents, which are isolated from fermentation of the naturally occurring soil organism, <i>Streptomyces avermitilis</i>.</p> <p>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 hyperpolarisation 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 chloride channels and they do not readily cross the blood-brain barrier.</p> <p>AUSMECTIN Cattle Pour-On applied at the recommended dose rate of 500 µg ivermectin/kg bodyweight is indicated for the effective treatment and control of the following harmful parasites of cattle:</p> <p>Gastrointestinal roundworms:</p>
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For the control of adult and immature (L4):
Ostertagia ostertagi (Small brown stomach worm (including inhibited stages))
Haemonchus placei (Barber's pole worm)
Trichostrongylus axei (Stomach hair worm)
T. colubriformis (Intestinal hair worm)
Cooperia spp. (Small intestinal worm)
Oesophagostomum radiatum (Nodule worm)

and adult stages of:
Cooperia oncophora
C. punctata
Oesophagostomum venulosum
Trichuris spp. (Whip worm)
Strongyloides papillosus (Intestinal Threadworm)

and immature stages of:
Nematodirus spp. (Thin Necked Intestinal Worm L4)

Lungworm:
Adult and immature (Dictyocaulus viviparus)

Eyeworm:
Thelazia spp. – adult stages

Sucking and Biting Lice:

Linognathus vituli
Haematopinus eurysternus
Bovicola (Damalinia) bovis
Solenopotes capillatus

Mites:

Chorioptes bovis
Sarcoptes scabiei var. bovis

Buffalo Flies:

Haematobia irritans exigua

Cattle tick: Rhipicephalus (Boophilus) microplus including organophosphate-, synthetic pyrethroid- and amidine-resistant strains. Maximum tick efficacy is achieved 4-5 days after treatment. Engorged female ticks that drop from cattle in the initial days after treatment may lay viable eggs. This should be taken into account when planning a strategic tick control program. AUSMECTIN Cattle Pour-On should be alternated with conventional dips or pour-ons when the program requires repeat treatments. Do not retreat with AUSMECTIN Cattle Pour-On in less than the meat withholding period of 42 days.

PERSISTENT ACTIVITY: AUSMECTIN Cattle Pour-On applied at the recommended dose of 1 mL per 10 kg bodyweight controls infections of Trichostrongylus axei (stomach hair worm) and Cooperia spp. (small intestinal worm) for up to 14 days after treatment; Ostertagia spp. (small brown stomach worm) and Oesophagostomum radiatum (nodule worm) for up to 21 days after treatment; Dictyocaulus viviparus (lungworm) for up to 28 days after treatment; Haematobia irritans exigua (buffalo fly) for up to 21 days after treatment.

Resistance may develop to any drench.

For best results, AUSMECTIN Cattle Pour-On should be part of a total parasite control program including internal and external parasites. Consult your veterinarian for a complete parasite control program.

Net Contents:

10L
1L
2.5L
20L
250mL
5L

21L

Directions for Use:

Restraints:

Contraindications:

This product is for application to the skin surface only; do not give orally or parenterally. AUSMECTIN Cattle Pour-On is not recommended for use in species other than cattle.

Precautions:

PRECAUTIONS:

The anti-parasitic activity of ivermectin will be impaired if the formulation is applied to areas of skin with mange scabs or lesions, or with dermatoses or adherent materials e.g. caked mud or manure.

Side Effects:

Dosage and Administration:

AUSMECTIN Cattle Pour-On is for external application to cattle only. Apply along the topline in a narrow strip extending from the withers to the tailhead. Dose the mob according to the heaviest animal by bodyweight in the group (cows, bulls, calves, heifers, etc.). Do not underdose. A representative sample of animals should be weighed with either scales or a weighband before treatment. Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excessive overdosing.

The dose rate is 1 mL for each 10 kg bodyweight.

Bodyweight Dose Volume

(kg) (mL)

50-100 10

101-150 15

151-200 20

201-250 25

251-300 30

301-350 35

351-400 40

401-450 45

451-500 50

501-550 55

551-600 60

601-650 65

Heavier animals (for example mature bulls) should receive an additional 5 mL for each 50 kg over 650 kg.

Treatment should not be repeated in less than 42 days.

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

General Directions:

Use only in well-ventilated areas or outdoors. Close container when not in use. Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced. Rain falling on cattle in less than 2 hours after dosing may result in reduced efficacy.

	Cloudiness may result when AUSMECTIN Cattle Pour-On is stored at temperatures below 0°C. Allowing to warm at room temperature will restore the normal appearance without affecting efficacy.
Withholding Periods:	WITHHOLDING PERIODS: MEAT: DO NOT USE less than 42 days before slaughter for human consumption MILK: Zero (0) days
Trade Advice:	TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): DO NOT slaughter for export less than 42 days after treatment.
Safety Directions:	SAFETY DIRECTIONS: Poisonous if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When using the product wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.
First Aid Instructions:	FIRST AID: If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766.
First Aid Warnings:	
Additional User Safety:	DANGER GIVES OFF HIGHLY FLAMMABLE VAPOUR KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER DANGEROUS GOODS SOURCES OF IGNITION. KEEP CLOSED WHEN NOT IN USE. HIGHLY FLAMMABLE UN1219 iso-PROPANOL PGII DIAMOND (Flammable Liquid 3) For further information, refer to the Material Safety Data Sheet, available from International Animal Health Products P/L.
Environmental Statements:	ENVIRONMENTAL PROTECTION: Ivermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.
Disposal:	DISPOSAL: Break, crush or puncture and bury empty containers at a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt. Do not dispose of undiluted chemicals on site.
Storage:	STORAGE: Store below 30°C (Room Temperature). Store bottle in carton to protect from light. Unused product should be discarded if not used within 6 months of initially opening the container.