



Product Name: PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP
APVMA Approval No: 86433/121651

Label Name:	PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS 1 g/L MOXIDECTIN 0.5 g/L SELENIUM (as sodium selenate) and 2.1 g/L COPPER (as disodium copper EDTA) 1.0 g/L IODINE (as ethylenediamine dihydroiodide) 0.6 g/L ZINC (as disodium zinc EDTA) 0.2 g/L COBALT (as disodium cobalt EDTA)
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Claims:	<p>{Front label or main panel}</p> <p>For the treatment and control of moxidectin sensitive gastrointestinal parasites (including benzimidazole and/or levamisole resistant strains), lungworms and itch mites of sheep. An aid in the control of selenium responsive conditions. To supplement diets that may be deficient in selenium, cobalt, copper, zinc and iodine.</p> <p>[Back label or secondary panel]</p> <p>INDICATIONS: PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP contains moxidectin, a second generation macrocyclic lactone endectocide which is effective against internal and external parasites sensitive to this molecular / active substance family. It also aids in the control of selenium-responsive conditions. It can be used to supplement diets which may be deficient in selenium, cobalt , copper, zinc and iodine.</p> <p>It is effective against sensitive strains of the following parasites of sheep: Mature (adult) and immature (L4): Haemonchus contortus (Barber's Pole Worm), Trichostrongylus spp. (Black scour worm), Trichostrongylus axei (Stomach Hair Worm), Trichostrongylus colubriformis, Ostertagia (Teladorsagia) spp. (Small Brown Stomach Worm), Teladorsagia circumcincta, Cooperia spp. (Small Intestinal Worm), Cooperia oncophora, Nematodirus spp. (Thin-necked Intestinal Worm), Nematodirus battus, Nematodirus filicollis, Nematodirus spathiger, Strongyloides papillosus (Intestinal Threadworm), Oesophagostomum columbianum (Nodule Worm), Chabertia ovina (Large-mouthed Bowel Worm), Dictyocaulus filaria (Large Lungworm). Adult nematodes: Trichostrongylus rugatus, Trichostrongylus vitrinus, Cooperia curticei, Nematodirus abnormalis, Nematodirus helvetianus, Ostertagia trifurcata, Oesophagostomum venulosum (Large Bowel Worm), Trichuris ovis.</p> <p>Ectoparasites: Psorergates ovis (Itch Mite).</p>
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PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP is effective against benzimidazole and levamisole resistant strains of *H. contortus*, *T. colubriformis* and *T. circumcincta*. Moxidectin-containing drenches have shown efficacy against a number of ivermectin resistant strains of *H. contortus* and *Teladorsagia* (*Ostertagia*) spp. However, as PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP shares a similar mode of action to the avermectins, it SHOULD NOT be used where avermectin resistance is present, except where specifically recommended by an advisor.

RESISTANCE AND WORM CONTROL PROGRAMS

Resistance may develop to any chemical. Ask your local veterinary practitioner or animal health advisor for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a resistance test be conducted before any parasite treatment is used.

Net Contents:

1 L
10 L
11 L
125 mL
15 L
2.5 L
20 L
22 L
5 L
5.5 L

Directions for Use:

Restrains:

DO NOT USE in ewes which are producing, or may in the future produce milk that may be used or processed for human consumption.

Contraindications:

This product is contraindicated for use unless mineral deficiency is confirmed.
This product is contraindicated for use in animals that are dehydrated or unwell.
Selenium: This product should not be used when selenium intake from pasture is high or selenium is provided by other means (such as top dressing, vaccine, pellets or selenium drenches) if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian.
Copper: Excessive copper is toxic. Do not use unless copper deficiency is confirmed.
Cobalt: This product is contraindicated for use unless cobalt deficiency is confirmed.

Precautions:

PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP is not recommended for use in goats as safety and efficacy have not been evaluated.
Minerals such as copper, cobalt, selenium, iron, manganese and molybdenum compete with each other for metabolically important processes in the animal. Users should seek veterinary advice before treatment.

Side Effects:

Dosage and Administration:

PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP is ready to use. Administer 1 mL per 5 kg liveweight using any standard drenching equipment. Check dose rates and equipment before drenching commences.

DOSE RATE:

1 mL / 5 kg liveweight to give a dose of 0.2 mg moxidectin / kg and 0.1 mg selenium / kg and also 0.04 mg cobalt / kg, 0.42 mg copper /kg, 0.2 mg iodine / kg and 0.12 mg zinc / kg.

DOSAGE GUIDE

[See attached dosage table]

Animals heavier than 75 kg to be dosed at 1 mL per 5 kg. A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by live weight in each group (ewes, wethers, rams, lambs). Where there is a large variation in size within the group, dose rate should be based on the label directions for each weigh range. Do not underdose. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

SELENIUM DEFICIENCY: To control white muscle disease in lambs, pregnant ewes should be treated monthly before lambing. Lambs should be treated either orally or with a selenium fortified vaccine at marking. On properties where selenium-responsive ill thrift or selenium-responsive scouring have been diagnosed, treat lambs at marking and again 2 months later.

This section contains file attachment.

General Directions:

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
Do not add copper salts or additional selenium to this drench.
PENTAMOX MINERALISED ORAL DRENCH FOR SHEEP has a wide safety margin when used as recommended and is readily accepted by sheep.

Withholding Periods:

MEAT (Sheep): DO NOT USE less than 5 days before slaughter for human consumption.
MILK (Sheep): DO NOT USE in ewes which are producing, or may in the future produce, milk that may be used or processed for human consumption.

Trade Advice:

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 7 days before slaughter for export.
The ESI on this label was correct at the time of label approval. Before using this product, confirm the ESI from either Jurox Pty Limited on 1800 023 312 or the APVMA website(www.apvma.gov.au/residues).

Safety Directions:

Poisonous if swallowed. May irritate nose and throat. Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale. Wash hands after use.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

First Aid Warnings:

Additional User Safety:

Additional information is listed in the Safety Data Sheet which is available on the Jurox website (www.jurox.com.au) or by contacting 1800 023 312.

Environmental Statements:	<p>ENVIRONMENTAL PROTECTION</p> <p>Moxidectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.</p>
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Disposal:	<p>[Pack sizes 1 L or less] Dispose of container by wrapping in paper and putting in garbage.</p> <p>[Pack sizes greater than 1 L] Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If the container has the drumMUSTER logo visible, and has been thoroughly cleaned and dried, and is free of any visible residues, it can be recycled at any drumMUSTER collection or similar container management program site. The cap should not be replaced but may be recycled separately with the container. If not recycling, break, crush or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.</p>
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Storage:	Store below 30°C (room temperature), in original container, tightly closed. Protect from light.
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Table for DOSAGE GUIDE

Live weight	Dose
10 kg	2 mL
11 – 15 kg	3 mL
16 – 20 kg	4 mL
21 – 25 kg	5 mL
26 – 30 kg	6 mL
31 – 35 kg	7 mL
36 – 40 kg	8 mL
41 – 45 kg	9 mL
46 – 50 kg	10 mL
51 – 55 kg	11 mL
56 – 60 kg	12 mL
61 – 65 kg	13 mL
66 – 70 kg	14 mL
71 – 75 kg	15 mL