



Product Name: WOLVERINE COMBINATION DRENCH FOR SHEEP
 APVMA Approval No: 91261/131542

Label Name:	WOLVERINE COMBINATION DRENCH FOR SHEEP
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Signal Headings:	<p>POISON KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS</p>
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Constituent Statements:	<p>1 g/L Abamectin 50 g/L Closantel</p>
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Claims:	<p>For the control & treatment of Roundworms, Nasal Bot, Itch Mite and Mature & Late Immature Liver Fluke in Sheep with activity against resistant strains of Barbers Pole Worm (including strains resistant to both abamectin and Closantel) and 6 weeks sustained activity against Barbers Pole Worm (including strains resistant to macrocyclic lactone).</p> <p>WOLVERINE COMBINATION DRENCH FOR SHEEP contains abamectin, a member of the macrocyclic lactone family of chemicals and Closantel, a member of the salicylanilide family of chemicals.</p> <p>At the recommended dosage level WOLVERINE COMBINATION DRENCH provides treatment and control of the following sensitive strains of sheep parasites: Barbers Pol Worm (<i>Haemonchus contortus</i>)</p> <ul style="list-style-type: none"> • WOLVERINE COMBINATION DRENCH is active against resistant strains of Barbers Pole Worm, including those resistant to BOTH closantel and abamectin. • WOLVERINE COMBINATION DRENCH also has sustained activity against Closantel susceptible Barbers Pol Worm: <ul style="list-style-type: none"> o It prevents sheep re-infection for up to 6 weeks after drenching. o It also limits pasture contamination with faecal eggs for up to 6 weeks after drenching. <p>Other adult & immature gastro-intestinal roundworms Small Brown Stomach Worm (<i>Ostertagia</i> spp) Small Hair Worm (<i>Trichostrongylus axei</i>) Black Scour Worm <i>Trichostrongylus</i> spp) Small Intestinal Worm (<i>Cooperia</i> spp) Large Bowel Worm (<i>Oesophagostomum venulosum</i>) Large Mouth Bowel Worm (<i>Chabertia ovina</i>) Nodule Worm (<i>Oesophagostomum columbianum</i>) Thin Necked Intestinal Worm (<i>Nematodirus</i> spp) Whipworm (<i>Trichuris ovis</i>) Intestinal Threadworm (<i>Strongyloides papillosus</i>) Liver Fluke (<i>Fasciola hepatica</i>) mature and late immature (including 6-week-old stages)</p>
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	<p>Lungworm (<i>Dictyocaulus filaria</i>)</p> <p>Also for the control of: Nasal Bot (<i>Oestrus ovis</i>) parasitic larval stages only Itch Mite (<i>Psorergates ovis</i>)</p> <p>Resistance may develop to any chemical.</p> <p>Ask your local veterinary practitioner or animal health adviser for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a drench resistance test be conducted before any drench is used.</p>
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Net Contents:	5 L, 10 L
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Directions for Use:	
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Restrains:	MILK: DO NOT USE in ewes which are producing or may in the future produce milk that may be used or processed for human consumption.
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Contraindications:	This product is contraindicated for use in lambs less than 10 kg bodyweight. This product is contraindicated for use in lambs under six (6) weeks of age.
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Precautions:	
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Side Effects:	
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Dosage and Administration:	<p>SHAKE WELL BEFORE USE</p> <p>WOLVERINE COMBINATION DRENCH FOR SHEEP can be used as a quarantine drench to prevent the introduction of resistant strains of Barbers Pole Worm into a property. When used as a quarantine drench, it is advisable to hold treated sheep in treatment yards or on contaminated paddocks for 24 hours before introduction.</p> <p>This section contains file attachment.</p>
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General Directions:	
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Withholding Periods:	MEAT: DO NOT USE less than 49 days before slaughter for human consumption.
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Trade Advice:	EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 84 days before slaughter for export. Before using this product, confirm the current ESI from ZAGRO AUSTRALIA PTY LTD on 1800 144 884 or the APVMA website (www.apvma.gov.au/residues).
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Safety Directions:	Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When using the product, wear cotton
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	overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. If clothing becomes contaminated with product, remove clothing immediately. If product on skin, immediately wash area with soap and water. 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.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
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First Aid Warnings:	
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Additional User Safety:	Additional information is listed in the safety data sheet.
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Environmental Statements:	ENVIRONMENTAL PROTECTION: Abamectin is extremely toxic to aquatic species. Do not contaminate streams, rivers and waterways with the chemical or used container.
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Disposal:	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.
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Storage:	Store below 30 °C (room temperature).
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WOLVERINE COMBINATION DRENCH FOR SHEEP is administered orally using any standard drenching equipment that provides a consistent dose volume. Dose and equipment should be checked before drenching commences. The sheep dose is 1 mL/5 kg bodyweight (200 micrograms abamectin and 10 mg closantel per kg bodyweight).

Liveweight (kg)	Dose Volume (mL)
11 - 15	3
16 - 20	4
21 - 25	5
26 - 30	6
31 - 35	7
36 - 40	8
41 - 50	10
51 - 60	12
61 - 70	14
71 - 80	16

Animals in excess of 80 kg to be dosed at 2 mL / 10 kg body weight. A representative sample of animals should be weighed before treatment. Dose according to the heaviest animal by liveweight in the group (ewes, rams, lambs, wethers etc.) Do not underdose. Where there is a large variation in size within the group, dose group should be based on label directions for each weight range. Drafting into two or more lines may be appropriate to avoid excessive overdosing.

WOLVERINE COMBINATION DRENCH is ready to use through standard equipment. Check accuracy of drenching equipment regularly.

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

SAFETY TO SHEEP

Ewes may be treated at any stage of pregnancy with this product. Some sheep may cough slightly after treatment. This passing response is of no consequence.