



Product Name: NITROMEK INJECTION ENDECTOCIDE AND FLUKICIDE FOR CATTLE  
 APVMA Approval No: 59844/122002

Label Name:	NITROMEK INJECTION ENDECTOCIDE AND FLUKICIDE FOR CATTLE
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Signal Headings:	<p>POISON</p> <p>KEEP OUT OF REACH OF CHILDREN</p> <p>FOR ANIMAL TREATMENT ONLY</p> <p>READ SAFETY DIRECTIONS BEFORE OPENING OR USING</p>
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Constituent Statements:	<p>340 g/L NITROXYNIL (as eglumine)</p> <p>67 g/L CLORSULON</p> <p>6.7 g/L IVERMECTIN</p>
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Claims:	<p>For the treatment and control of NITROXYNIL, IVERMECTIN and CLORSULON sensitive strains of internal and external parasites of cattle and TRICLABENDAZOLE resistant strains of early immature (including 2-week old stages), immature and adult liver fluke.</p> <p>Medicinal Claim:        Nitromec contains ivermectin, a member of the macrocyclic lactone family of chemicals, clorsulon, a member of the sulphonamide family of chemicals and nitroxynil, a related monophenolic compound. When used at the recommended dose level of 200 µg ivermectin/kg, 2 mg clorsulon/kg and 10.2 mg nitroxynil/kg liveweight, it is effective against sensitive strains of the following internal parasites:</p> <p>Gastro-intestinal roundworms :        Adult and immature:        Ostertagia ostertagi - Small brown stomach worms (including third and fourth stage larvae and inhibited immatures)        Haemonchus placei - Barber's pole worm        Trichostrongylus axei - Stomach hair worm (including third and fourth stage larvae)        Trichostrongylus colubriformis – Intestinal hair worm        O. lyrata – Stomach worm        Cooperia spp. – Small intestinal worm (including third and fourth stage larvae)        Oesophagostomum radiatum - Nodule worm (including third and fourth stage larvae)        Bunostomum phlebotomum – (including third and fourth stage larvae)        And adult stages of:        Trichuris spp. - Whipworm        Strongyloides papillosus - Intestinal worm        Nematodirus spp. – Thin necked intestinal worm</p> <p>Early Immature (including 2-week old), Immature and Adult Liver Fluke:        Fasciola hepatica</p> <p>Lungworms:        Dictyocaulus viviparus (adult and immature, including inhibited stages).</p>
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	<p>Eyeworm: Thelazia spp. (adult stages).</p> <p>Sucking Lice: Linognathus vituli – Long nosed sucking louse Haematopinus eurysternus – Short nosed sucking louse Solenopotes capillatus – Little blue sucking louse.</p> <p>Mites: Sarcoptes scabiei var bovis.</p> <p>Screw Worm Fly: Chrysomya bezziana (parasitic larval stages. Not reported in Australia but present in Papua-New Guinea).</p> <p>Cattle tick: Rhipicephalus (boophilus) microplus.</p> <p>When used as directed for control of internal parasites of cattle, Nitromec concurrently aids in control of:</p> <p>Mites: Chorioptes bovis.</p> <p>Biting Lice: Bovicola (Damalinia) bovis</p> <p>Sustained activity: At the recommended dose rate, Nitromec effectively controls infection with Ostertagia spp. and Cooperia spp. acquired up to 7 days after treatment, and Dictyocaulus viviparus and Chrysomya bezziana acquired up to 14 days after treatment.</p>
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Net Contents:	500mL 1L 2.5L 3 x 1L
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Directions for Use:	
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Restrains:	<p>DO NOT USE in cattle which are producing or may in the future produce milk where the milk or milk products may be used for human consumption.</p> <p>RE-TREATMENT INTERVAL: DO NOT re-treat cattle for 120 days after the last treatment.</p>
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Contraindications:	
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Precautions:	<p>Avoid overdosing of cattle.</p> <p>Care should be taken when administering Nitromec or other medications to sick debilitated animals in poor condition. In these cases, a veterinarian should be contacted.</p> <p>If product leaks from the injection site staining of the coat of light coloured cattle may occur for a period of several weeks. Inject in a downward motion to avoid loss of product and staining at the injection site. Exercise care where staining may be a disadvantage (eg. show cattle). Gloves are recommended during usage.</p>
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Side Effects:	
Dosage and Administration:	This section contains file attachment.
General Directions:	<p><b>SAFETY TO CATTLE</b> Nitromec has been shown to be safe in cattle when used as directed. Pregnant and breeding cattle may be treated provided normal care is taken in handling.</p> <p>Caution: avoid carcass damage</p> <ol style="list-style-type: none"> <li>1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus.</li> <li>2. Maintain cleanliness at all times.</li> <li>3. Keep needles sharp and clean. Replace frequently.</li> <li>4. Use shortest needle possible, certainly not exceeding 15 mm.</li> <li>5. As far as possible, avoid injection of animals during wet weather or under dusty conditions.</li> <li>6. This product should be injected only under the skin.</li> <li>7. If possible, inject high on the neck behind the ear. If required the dose can be divided and administered in two sites.</li> </ol> <p><b>NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER THE APPROPRIATE LEGISLATION</b></p>
Withholding Periods:	<p><b>WITHHOLDING PERIODS:</b> <b>MEAT: DO NOT USE LESS than 56 days before slaughter for human consumption.</b> Calves born to cows that have been treated with Nitromec during pregnancy must not be slaughtered for human consumption for 56 days after treatment of the dam.</p> <p><b>MILK: DO NOT USE in cattle which are producing or may in the future produce milk where the milk or milk products may be used for human consumption.</b></p>
Trade Advice:	<p><b>TRADE ADVICE: Export Slaughter Interval (ESI):</b> <b>DO NOT USE less than 120 days before slaughter for export.</b> Calves born to cows that were treated with Nitromec during pregnancy must not be slaughtered for export for 120 days after treatment of the dam. The ESI on this label was correct at the time of label approval. Before using this product confirm the current ESI from either Virbac on 1800 242 100 or the APVMA website (<a href="http://www.apvma.gov.au/residues">www.apvma.gov.au/residues</a>).</p>
Safety Directions:	Poisonous if swallowed. May irritate the eyes. Avoid contact with eyes. 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 (SDS).
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Environmental Statements:	<b>ENVIRONMENTAL PROTECTION:</b> Ivermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.
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Disposal:	<p>(500mL, 1L and 3 x 1L) Dispose of container by wrapping with paper and putting in garbage. Discarded needles/ sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.</p> <p>(2.5L) Triple-rinse container. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. 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. Discarded needles/sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.</p>
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Storage:	Store below 30 °C (room temperature). Protect from light.
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## Nitromec Injection Endectocide & Flukicide for Cattle

### Dosage & Administration:

The recommended dose is 1.5 mL Nitromec per 50 kg liveweight (equivalent to 200 µg ivermectin, 2 mg clorsulon and 10.2 mg nitroxylin per kg liveweight) by subcutaneous injection. This product is NOT to be used intravenously or intramuscularly.

Liveweight (kg)	Dose Volume (mL)
50 - 75	2.25
76 - 100	3
101 - 150	4.5
151 - 200	6
201 - 250	7.5
251 - 300	9
301 - 350	10.5
351 - 400	12
401 - 450	13.5
451 - 500	15
501 - 550	16.5
551 - 600	18
601 - 650	19.5

Dose the mob according to the heaviest animal by liveweight in each group (cows, bulls, calves, heifers, etc). Do not underdose. A representative sample of cattle should be weighed before treatment either with scales or with a weighband. Cattle heavier than 650 kg should be dosed at 1.5 mL per 50 kg.

Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excessive overdosing. If required, the dose can be divided and administered in two sites.