



Product Name: Multimin Evolution Injection for Cattle

APVMA Approval No: 87739 / 129089

Label Name:	Multimin Evolution Injection for Cattle
Signal Headings:	<p>POISON</p> <p>KEEP OUT OF REACH OF CHILDREN</p> <p>READ SAFETY DIRECTIONS BEFORE OPENING OR USING</p>
Constituent Statements:	<p>60 g/L ZINC AS ZINC DISODIUM EDTA</p> <p>15 g/L COPPER AS COPPER DISODIUM EDTA</p> <p>10 g/L MANGANESE AS DISODIUM MANGANESE EDTA</p> <p>5 g/L SELENIUM AS SODIUM SELENITE</p>
Claims:	<p>Patented formulation with enhanced zinc levels.</p> <p>Chelated Trace Element Injection for Beef and Dairy Cattle deficient in and/or responsive to manganese, zinc, selenium and/or copper supplementation.</p> <p>Multimin Evolution Injection for Cattle contains selenium, copper, zinc and manganese, which are required for optimal health, production, and fertility. Sub-optimum trace mineral status at calving, mating and drying off has been shown to negatively impact production, reproduction and health. Optimising trace element status relying solely on oral supplements is often not possible as a result of variation in individual intake and reduced absorption because of antagonism of other ration components and minerals to these essential trace elements. Using an injectable trace element supplement can improve trace mineral status at these critical times, promoting a healthy immune system, which is important in resisting disease, and having a positive impact on reproduction.</p> <p>Selenium has a role in normal growth, reproduction/fertility, preventing cellular oxidation, placental retention, disease resistance, embryo survival, spermatogenesis and muscle function.</p> <p>Zinc has a role in reproduction/fertility, udder function, placental retention, disease resistance, hoof health, skin and coat health, cell division, spermatogenesis, lung function, general growth and metabolism, bone and cartilage development, and wound healing.</p> <p>Copper has a role in reproduction/fertility, placental retention, disease resistance, hoof health, blood formation, iron metabolism, bone development, and maintenance of elastic connective tissue.</p> <p>Manganese has a role in reproduction/fertility, ovulation, disease resistance, embryo survival, general metabolism, spermatogenesis, protein metabolism, bone, cartilage and connective tissue development, normal blood clotting, maintaining normal growth, and lactation.</p>

Net Contents:	100mL, 200mL and 500mL
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Directions for Use:	
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Restraints:	
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Contraindications:	<p>This product is contraindicated for use when selenium intake from pasture is high or selenium is provided by other means (such as top dressing, vaccine, pellets or selenium drenches) or if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian.</p> <p>Excessive copper is toxic. This product is contraindicated for use unless copper deficiency is confirmed.</p>
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Precautions:	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.
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Side Effects:	Transient pain may occur. Temporary swelling may be observed around the injection site.
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Dosage and Administration:	<p>Use the contents within 3 months of first broaching of the container, with a maximum of 3 broachings over this period. Discard the unused portion.</p> <p>Use in cattle only by subcutaneous injection</p> <p>This product must not be applied at a rate greater than the amount shown on the label.</p> <p>Cattle Age Injection Dose Rate Up to 1 year 1.0 mL / 50kg 1 - 2 years 1.0 mL / 75kg Over 2 years 1.0 mL / 100kg</p> <p>SUPPLEMENTATION PROGRAM: Bulls: 3 months before joining At Joining Beef cows: 4 weeks before mating 4 weeks before calving Dairy cows: 4 weeks before calving 4 weeks before mating or insemination 4 weeks before drying off Calves: At marking At weaning Heifers: Every 3 months 4 weeks before mating</p> <p>Caution: avoid carcass damage: 1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus. 2. Maintain cleanliness at all times. 3. Keep needles sharp and clean. Replace frequently. 4. Use shortest needle possible, certainly not exceeding 15mm. 5. As far as possible, avoid injection of animals during wet weather or under dusty conditions.</p>
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	6. This product should be injected only under the skin. 7. If possible, inject high on the neck behind the ear.
General Directions:	Wash injection equipment in clean water immediately following use. Check the accuracy of the applicator before and during treatment.
Withholding Periods:	MEAT: Zero (0) days MILK: Zero (0) days
Trade Advice:	EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days.
Safety Directions:	May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.
First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.
First Aid Warnings:	
Additional User Safety:	Additional information is in the Safety Data Sheet.
Environmental Statements:	
Disposal:	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.
Storage:	Store below 25°C (air conditioning).