



Australian Pesticides &
Veterinary Medicines Authority

Product Name: MULTIMIN EVOLUTION COPPER-FREE INJECTION FOR SHEEP AND CATTLE
APVMA Approval No: 94279/144704

Label Name:	MULTIMIN EVOLUTION COPPER-FREE INJECTION FOR SHEEP AND CATTLE
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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:	60 g/L ZINC AS DISODIUM ZINC EDTA 10 g/L MANGANESE AS DISODIUM MANGANESE EDTA 5 g/L SELENIUM AS SODIUM SELENITE
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Claims:	Chelated trace element injection for sheep and beef and dairy cattle deficient in and/or responsive to manganese, zinc, and/or selenium supplementation. Multimin Evolution Copper-free Injection for Sheep and Cattle contains selenium, zinc and manganese, which are required for optimal health, production, and fertility. Selenium has a role in: Reproduction / fertility, placental retention, disease resistance, embryo survival, spermatogenesis, muscle function, normal growth, preventing oxidative stress or oxidative damage, wool growth. Zinc has a role in: Reproduction / fertility, udder function, placental retention, disease resistance, hoof health, skin and coat health, lung function, cell division, spermatogenesis, wound healing, wool growth, general growth and metabolism, bone and cartilage development. Manganese has a role in: Reproduction / fertility, ovulation, disease resistance, embryo survival, protein metabolism, spermatogenesis, lactation, general metabolism, bone, cartilage and connective tissue development, normal blood clotting, maintaining normal growth.
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Net Contents:	200 mL 500 mL 550 mL 1 L
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Directions for Use:	
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Restraints:	
Contraindications:	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. This product is contraindicated for use in animals that are dehydrated or unwell.
Precautions:	Do not administer this product to severely debilitated or stressed animals. Do not administer to animals suffering from liver disease. Do not treat thirsty or exhausted sheep and cattle. Allow animals access to water after treatment. 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:	Animals may show discomfort immediately after injection. Slight local swelling may occur for about 30 seconds after injection and a slight swelling may be observed for a few days after administration.
Dosage and Administration:	WARNING: THIS PRODUCT MUST NOT BE APPLIED AT A RATE GREATER THAN THE AMOUNT SHOWN ON THE LABEL. IT IS IMPORTANT THAT ANIMALS ARE DOSED ACCURATELY ACCORDING TO THEIR INDIVIDUAL BODY WEIGHTS. Following withdrawal of the first dose, unused product should be discarded after 9 months. (see dosing tables attached) This section contains file attachment.
General Directions:	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 15 mm. 5. As far as possible, avoid injection of animals during wet weather or under dusty conditions. 6. This product should be injected only under the skin. 7. If possible, inject high on the neck behind the ear.
Withholding Periods:	MILK: Zero (0) days MEAT: 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 13 11 26.
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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:	
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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.
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Storage:	Store below 30 °C (room temperature) in original container, in a dry place. Protect from light. Keep container well closed.
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SHEEP:

Use in sheep by subcutaneous injection.

Dose rate: 0.2mL/10kg (1mL/50kg)

Liveweight (kg)	Dose (mL)
20-25	0.5
26-30	0.6
31-40	0.8
41-50	1.0
51-60	1.2
61-70	1.4
70+	0.2 mL/10 kg

DAIRY AND BEEF CATTLE:

Use in cattle by subcutaneous injection.

Animal Age	Injection Dose Rate (mL)
Up to 1 year	1.0 mL/50 kg
From 1 – 2 years	1.0 mL/75 kg
Over 2 years	1.0 mL/100 kg