



Australian Pesticides &  
Veterinary Medicines Authority

Product Name: MULTIMIN EVOLUTION PLUS COPPER INJECTION FOR SHEEP  
APVMA Approval No: 94271/144703

Label Name:	MULTIMIN EVOLUTION PLUS COPPER INJECTION 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:	60 g/L ZINC AS DISODIUM ZINC EDTA 10 g/L COPPER AS DISODIUM COPPER EDTA 10 g/L MANGANESE AS DISODIUM MANGANESE EDTA 3 g/L SELENIUM AS SODIUM SELENITE
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Claims:	<p>Chelated trace element injection for sheep deficient in and/or responsive to zinc, copper, manganese and/or selenium supplementation.</p> <p>Multimin Evolution Plus Copper Injection for Sheep contains zinc, copper, manganese and selenium, which are required for optimal health, production and fertility.</p> <p>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.</p> <p>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.</p> <p>Copper has a role in: Reproduction / fertility, disease resistance, hoof health, blood formation, bone development, iron metabolism, maintenance of elastic connective tissue, wool growth.</p> <p>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.</p>
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Net Contents:	100 mL 200 mL 500 mL
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	550 mL
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Directions for Use:	
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Restraints:	Do not administer to severely debilitated or stressed animals. Do not administer to animals suffering from liver disease. Do not treat thirsty or exhausted sheep. Allow animals access to water after treatment.
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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 clinical or subclinical copper deficiency is confirmed.</p> <p>This product is contraindicated for use in animals that are dehydrated or unwell.</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:	Animals may show discomfort immediately after injection. Slight local swelling may occur at the injection site and may be observed for a few days after administration.
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Dosage and Administration:	<p>Warning: The copper / selenium status of sheep should be determined by consultation with a veterinarian prior to the use of this product. 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.</p> <p>Discard unused portion of the product within 9 months of broaching container. Store the broached container upright.</p> <p>Administer to sheep by subcutaneous injection.</p> <p>Dose rate: 0.2 mL/10 kg (1 mL/50 kg)</p> <p>This section contains file attachment.</p>
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General Directions:	<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.</li> </ol>
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Withholding Periods:	<p>MEAT: Zero (0) days</p> <p>MILK: Zero (0) days</p>
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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.
First Aid Warnings:	
Additional User Safety:	Additional information is included 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). Store bottle in outer packaging to protect from light.

DOSE TABLE:

Liveweight (kg)	Dose Volume (mL)
20-25	0.5
26-30	0.6
31-35	0.7
36-40	0.8
41-45	0.9
46-50	1.0
51-55	1.1
56-60	1.2
61-65	1.3
66-70	1.4
70+	0.2 mL/10 kg