



**TEMPLATE FOR RELEVANT LABEL PARTICULARS (RLPs)
(Veterinary Products)**

Select appropriate:

- New Product (include all applicable RLPs) OR
 Variation (highlight instructions that are being varied). Approval no. of label being varied:
 61696/53814

Signal heading:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING FOR ANIMAL TREATMENT ONLY
Product name:	ZINJET® BLOWFLY AND LICE JETTING FLUID FOR SHEEP
Active constituent/s:	ACTIVE CONSTITUENT: 16 g/L IVERMECTIN
Statement of claims:	For the treatment of, and protection against, blowfly strike on sheep for up to 12 weeks under low to moderate fly pressure and treatment of biting lice by jetting in long woolled sheep.
Net contents:	5L, 10L, 15L
Directions for Use Heading:	DILUTE BEFORE USE READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT DIRECTIONS FOR USE:
Restraints:	Restraints DO NOT USE in lactating sheep or within 28 days of lambing where milk or milk products may be used for human consumption. DO NOT USE in plunge or shower dips. DO NOT collect and re-use fluid which runs off. DO NOT USE jetting races that recycle fluid.
Contraindications:	
Precautions:	Precautions It is recommended that clean water (dam/tank) be used for dilution. Use of treated municipal supply town water is not recommended if the diluted product is going to be stored.
Side effects:	
Dosage & administration:	Dosage and administration (Blowfly strike) When used on sheep with less than 6 weeks wool a reduced period of protection may result. (Sheep lice) After shearing, sheep should be re-treated with an effective off-shears or short-wool product. JETTING

ZINJET requires dilution with water prior to use as a jetting fluid. See the use table for instructions.

Mixing Instructions

Ensure equipment is thoroughly cleaned prior to use. ZINJET should be mixed with water in a container of known volume. Testing has confirmed that ZINJET mixes with waters of various hardness. Use either a jetting handpiece with multiple nozzles that can be combed through the fleece or a “Dutjet” jetting wand. The jetting handpiece should deliver a penetrating jet of fluid without producing a spray or mist. A modified Harrington jetting race can also be used. It should be noted the effectiveness of various races differ and testing has not been performed on all types of races available.

ANIMAL/PEST	TREATMENT	RATE	CRITICAL COMMENTS
Sheep/Blowflies (<i>Lucilia cuprina</i> , <i>L. sericata</i> , <i>Chrysomya rufifacies</i> and <i>Calliphora nociva</i>)	Jetting: Prevention of blowfly strike	200mL/100L Dilute 200mL of concentrate in 100L of water.	Use at least 2.5L diluted jetting fluid per head. Jet immediately prior to expected blowfly waves. Wool must be thoroughly saturated to skin level along the backline and breach. The pizzle area of wethers and the poll, (particularly in horned sheep) must also be treated.
	Jetting: Treating existing flystrike		Use at least 2.5L diluted jetting fluid per head. ZINJET will control maggots in existing strikes in treated areas.
	Hand Dressing: Treating existing strikes		Saturate struck area thoroughly. Wool must be saturated to skin level.
Sheep/Lice (<i>Bovicola ovis</i>)	Hand jetting: Treatment of lice in long wool.	200mL/100L Dilute 200mL of concentrate in 100L of water.	Use 0.5L of diluted jetting fluid per month of wool growth. To control biting lice in long woolled sheep, the fleece and skin must be thoroughly wet to skin level from poll to tail in a backband about 25cm wide. Wool and skin on the sides of the neck in front of the shoulders should also be wet to skin level. Reduced effectiveness is likely if used on sheep with lumpy wool. Jetting races are not suitable for the treatment of lice infestations.

General directions:

General Directions

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

ZINJET BLOWFLY AND LICE JETTING FLUID FOR SHEEP

This product is a concentrate for use in sheep of all ages. Product is NOT to be used undiluted. The 16.0 g/L ivermectin concentrate is diluted 1:500 and applied by jetting for the treatment of, and protection against, sheep blowfly strike and by hand jetting for long-wool lice treatment.

INDICATIONS

JETTING FOR BLOWFLY STRIKE: When applied as directed by hand-jetting or by modified Harrington jetting race ZINJET protects sheep against strike by blowflies (*Lucilia cuprina*, *L. sericata*, *Chrysomya rufifacies* and *Calliphora nociva*) (including OP resistant strains of *Lucilia cuprina*) for 12 weeks under low to moderate fly pressure and will control maggots in existing strikes in the treated areas.

HAND DRESSING OF STRUCK SHEEP: ZINJET can be applied at the blowfly dilution rate for treatment of blowfly strike wounds. Sheep should be sheared/clipped around the strike wound before saturating the area.

HAND JETTING FOR LICE: When applied as directed by hand-jetting ZINJET also treats biting lice (*Bovicola ovis*), including synthetic pyrethroid resistant strains in long woolled sheep until the next shearing.

General Instructions

USE DILUTED JETTING FLUID WITHIN 28 DAYS OF DILUTION

Use a jetting pump preferably fitted with a pressure gauge and capable of maintaining at least 550kPa (80psi) during jetting. Run the pump to ensure thorough mixing of the jetting wash before use. Pressures of about 630kPa (90psi) should be used for sheep with long wool. For lambs, the pressure should be reduced to 280-350kPa (40-50psi). NOTE: Check the sheep to ensure wetting to skin level after jetting. Efficacy may be reduced if sheep are not treated as directed.

When used as directed by jetting, ZINJET has a wide safety margin in sheep and may be used in breeding animals. When applied as directed ZINJET will not damage fleece or skin.

Season, weather conditions, sheep type, wool length and condition, soiling with faeces and urine and any concurrent skin or fleece diseases such as fleece rot, mycotic dermatitis and other infections or wounds will influence the susceptibility of sheep to flystrike. Thorough wetting of those sites most attractive to flies is the most effective way to prevent blowfly strike. Hand jetting is recommended to ensure adequate wetting. Jetting races have varying ability to saturate the fleece so the duration of protection may be shorter than with hand jetting. Jetting races or other jetting equipment which recycles the jetting fluid should not be used to apply ZINJET.

When applied as directed by hand jetting, exposure to moderate rainfall does not have any adverse effect on the efficacy of ZINJET.

If the sheep need to be handled for other management procedures, it is recommended that use of ZINJET is the final activity carried out.

	<p>NOTE: Storage at low temperatures (<4^oC) may result in formation of small crystals in ZINJET which will redissolve on dilution and will not affect the efficacy or safety of the product.</p>
Withholding Period/s:	<p>WITHHOLDING PERIODS:</p> <p>MEAT: DO NOT USE less than 7 days before slaughter for human consumption.</p> <p>MILK: DO NOT USE in lactating sheep or within 28 days of lambing where milk or milk products may be used for human consumption.</p> <p>WOOL HARVESTING INTERVAL: DO NOT USE less than 6 weeks before shearing or fibre collection.</p>
Trade Advice:	<p>TRADE ADVICE</p> <p>EXPORT SLAUGHTER INTERVAL (ESI): DO NOT SLAUGHTER for export for 7 days after treatment.</p> <p>Use of this product may result in wool residues that may not comply with European Union environmental quality standards.</p> <p>Wool treated with this product may contain detectable residues; adequate treatment records should be kept and made available, if requested by wool buyers.</p>
Safety Directions:	<p>SAFETY DIRECTIONS: Poisonous if swallowed. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. When preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length gloves. Wash hands after use.</p>
First Aid:	<p>FIRST AID: If poisoning occurs contact a doctor or Poisons Information Centre, Phone Australia 131 126.</p>
Additional user safety:	<p>ADDITIONAL USER SAFETY INFORMATION</p> <p>Sheep Rehandling Interval: After treatment wait until sheep are dry before rehandling.</p> <p>For further information, refer to the Material Safety Data Sheet.</p>
Environmental statements:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT</p> <p>Ivermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.</p>
Disposal:	<p>DISPOSAL</p> <p>Triple or (preferably) pressure rinse containers. Dispose of rinsate in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers at a local authority landfill. If no landfill is available, bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burned.</p>
Storage:	<p>STORAGE</p> <p>Store below 30°C (Room Temperature) in the closed, original container. Store bottle in carton to protect from light.</p>

Name & address:	Landmark Operations Limited 24-26 Hydrive Close DANDENONG VIC 3175 Customer Service 1300 255 347
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The following is for APVMA use only:

APVMA approval no.	APVMA No: 61696/0614
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