

(i) Front page of zip seal booklet (visible when booklet is closed) for immediate container, and (ii) Page adhered to immediate container *, for 250 mL, 1 litre, 5 litre, 10 litre

AH0492

ELANCO *



Extinosad®

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Lice, Fly & Maggot Eliminator

SAFETY DIRECTIONS: May irritate the eyes. Avoid contact with eyes. Wash hands after use. When preparing the solution and using the prepared solution wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. After each day's use wash gloves and contaminated clothing.

ELANCO ANIMAL HEALTH
A DIVISION OF ELI LILLY AUSTRALIA PTY. LIMITED
A.B.N. 39 000 233 992
112 WHARF ROAD, WEST RYDE, N.S.W. 2114
TEL: Toll free 1800 226 324

(* The following information to appear only on the page adhered to immediate container)

NRA Approval No: 56875/0403

STORAGE: Store below 30°C (Room Temperature) in a dry place in tightly closed original container. Do not freeze. Do not store in direct sunlight. **KEEP OUT OF REACH OF CHILDREN.**

For batch number and expiry date see side panel.

Side panel:

[B]

[E]

Bar code

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SHAKE CONTAINER GENTLY SEVERAL TIMES BEFORE USE

For the control of lice (*Bovicola ovis*) in sheep with short wool and long wool, including strains resistant to synthetic pyrethroids
 For treatment and prevention of blowfly (*Lucilia cuprina*) strike on sheep, including strains resistant to organophosphates.
 For blowfly strike protection in mulesing and other wounds of sheep for at least 8 days.

DIRECTIONS FOR USE:

RESTRAINTS:
DO NOT USE on ewes which are producing or may in the future produce milk or milk products for human consumption.
DO NOT dip sheep more than 6 weeks after shearing.

Table 1: FOR CONTROL OF LICE IN SHORT WOOL (2-6 weeks after shearing):

<p>Critical comments: Dipping within 2 weeks of shearing is not recommended. Dipping sheep heavily infested with grass seed is not recommended. For effective control of lice, thorough wetting to skin level is essential.</p>				
ANIMAL / PEST	TREATMENT METHOD	INITIAL CHARGE	CONSTANT REPLENISHMENT	INSTRUCTIONS
Sheep/lice	Plunge dip	40 mL/100 L water (10ppm)	Prepare replenishment tank with 60 mL per 100 L water (15 ppm) and constantly add to keep the dip full.	The minimum swim length of the plunge dip should be 9 metres and each sheep's head should be dunked twice (this does not include the initial immersion when entering the dip). Randomly inspect sheep to ensure thorough wetting. To minimise wastage, estimate volume of wash required for day's dipping and mix up accordingly.
Sheep/lice	Shower dip	80 mL/100 L water (20 ppm)	Prepare replenishment tank with 160 mL per 100 L water (40 ppm) and constantly add to the sump to keep the sump over 75% full.	Shower dips should only be filled to recommended capacity and run for 12 minutes to ensure thorough wetting (using the top nozzles only for at least 8 minutes). Inspect first 2 loads of sheep to ensure thorough wetting. Do not allow sump level to fall by more than 25%. Pressure requirements, 300-450 kPa (45-60 psi) at 18 L/sec.

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Table 2: FOR CONTROL OF LICE IN SHEEP WITH LONG WOOL (6 weeks to 12 months after shearing):

Critical comments: After shearing, sheep should be re-treated with an effective off-shears or short wool product. Reduced effectiveness is likely if used on sheep with lumpy wool.			
ANIMAL / PEST	TREATMENT METHOD	RATE	INSTRUCTIONS
Sheep/lice	Jetting fluid	100 mL/100 L water (25 ppm)	Using jetting equipment, apply 0.5 L of fluid for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the neck and along each side. Ensure saturation to skin level. Pressure requirements 500-700 kPa (75-100 psi).

Table 3: FOR TREATMENT AND PREVENTION OF BLOWFLY STRIKE:

Critical Comments: When used on sheep with less than 6 weeks wool a reduced period of protection against blowfly strike may result.			
ANIMAL / PEST	TREATMENT METHOD	RATE	INSTRUCTIONS
Sheep/blowfly	Jetting fluid	100 mL/100 L water (25 ppm)	Using jetting equipment, apply 0.5 L of fluid for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the breech and pizzle as appropriate. Pressure requirements 500-700 kPa (75-100 psi).
Sheep/blowfly	Flystrike dressing	5 mL/5 L water (25 ppm)	Prepare a fresh dilution of flystrike dressing each day. Remove the wool from around the wound using clippers or shears. Apply 1 to 2 litres onto the wound.
Sheep/blowfly	Mulesing and wound dressing	25mL/5 L water (125 ppm)	Apply by spraying 40 to 80 mL on to the wound And 25mm into the surrounding wool.

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

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General application directions:

It is good agricultural practice not to treat animals when they are wet or if rain is likely. However, even moderate to heavy rainfall following treatment does not adversely affect the efficacy of the product.

Short wool dipping:

Maximum lice kill at treatment and strict quarantine conditions for treated sheep are necessary for effective lice control. Regular and careful monitoring of sheep and repair of fences are essential. Under no circumstances should sheep of unknown lice status be allowed to come in contact with sheep in which eradication is occurring. Treated mobs must be kept separate from lice infested sheep or sheep of unknown lice status. Failure to dip correctly or adhere to quarantine requirements may result in a breakdown of lice eradication in the flock.

For effective lice control, it is recommended that:

- Every sheep on the property is treated at the one time;
- A thorough muster is conducted so that no untreated sheep remain;
- The boundary fences are checked to ensure animals are contained, and stray sheep are excluded.

Jetting:

When applied as directed, this product will protect sheep against flystrike for 4-6 weeks. A reduced period of protection may occur in lambs and coarse wool (meat breed) sheep. Extinosad is a short acting, non-residual product and efficacy is determined by the thoroughness of the treatment. Lousy sheep in long wool, treated with less than 9 months wool growth may need to be re-treated before shearing.

Wound dressing:

This product will protect mulesing and other wounds from flystrike for a minimum of 8 days following treatment.

Mixing:

SHAKE CONTAINER GENTLY SEVERAL TIMES BEFORE USE.

This product should be mixed at the rate shown in the Directions for Use tables.

The volume of the dip, sump and replenishment tank should be accurately calculated.

Mix well, preferably by using a mechanical (e.g. pump) system, before use. For Plunge dips, premix the measured volume of Extinosad in a bucket with water and add by pouring along the length of the dip. Stir the dip to ensure thorough mixing.

Prepare fresh dip wash/jetting fluid/wound dressing daily. Do not recycle dip fluid. Clean out sump when excessively fouled. At the end of each day, discard unused product according to the disposal instructions on this label.

Actions: Spinosad, the active ingredient in EXTINOSAD, is the first member of the spinosyn class of insecticides and has a unique action on the insect nervous system.

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WITHHOLDING PERIODS: MEAT: NIL

MILK: DO NOT USE on ewes which are producing or may in the future produce milk or milk products for human consumption.

WOOL: NIL

Export Slaughter Interval (ESI): NIL (Long wool jetting and wound and flystrike dressing application).

For use in short wool dipping applications, an export slaughter interval may apply to this product. Contact Elanco Animal Health, or Meat and Livestock Australia before using on sheep destined for the export market.

SAFETY DIRECTIONS: May irritate the eyes. Avoid contact with eyes. Wash hands after use. When preparing the solution and using the prepared solution wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. After each day's use wash gloves and contaminated clothing.

DISPOSAL: Triple or (preferably) pressure rinse remaining container contents into the dip or jetting tank. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500mm 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 burnt. Used (polluted) dip wash or jetting fluid can be safely disposed of by pumping into a small holding pit or onto bare land to which animals do not have access for 1 month.

PROTECTION OF THE ENVIRONMENT:

Do not contaminate sewers, drains, dams, creeks or any other waterways with concentrate, dipping or jetting fluids, used containers or diluted product.

STORAGE: Store below 30°C (Room Temperature) in a dry place in tightly closed original container. Do not freeze. Do not store in direct sunlight. **KEEP OUT OF REACH OF CHILDREN.**

*** Elanco, Extinosad[®] and the diagonal colour bar are trademarks of Eli Lilly and Company**

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**READ SAFETY DIRECTIONS BEFORE OPENING OR USING
FOR ANIMAL TREATMENT ONLY**



Lice, Fly & Maggot Eliminator

ACTIVE CONSTITUENT: 25 g/L Spinosad

For the control of lice in sheep with short wool and long wool. For treatment and prevention of blowfly strike on sheep. For blowfly strike protection in mulesing and other wounds of sheep.

(Logo) Elanco New Science Livestock
Protection Program
Parasiticides

250 mL (1 litre, 5 litre)

**READ DIRECTIONS FOR USE BEFORE OPENING OR USING THIS
PRODUCT**

**SIDE PANEL STRIP
DIPPING/JETTING/WOUND DRESSING**

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Elanco ^{AH0492}

Extinosad[®]

Lice, Fly & Maggot Eliminator

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Table 2: FOR CONTROL OF LICE IN LONG WOOL (6 weeks to 12 months after shearing):

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Mixing:

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WOOL: NIL

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STORAGE: Store below 30°C (Room Temperature) in a dry place in tightly closed original container. Do not freeze. Do not store in direct sunlight. **KEEP OUT OF REACH OF CHILDREN.**

BATCH NUMBER:

EXPIRY DATE:

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Side panel – 1 litre, 5 litre primary pack

FOUR CONVENIENT PACK SIZES: 250 mL, 1, 5, and 10 litre

(Pack shots of 250 mL, 1, 5, and 10 litre – 5 litre primary pack only)

Approximate number of doses per pack:

Pack size	Jetting (Months of wool growth)			Flystrike dressing	Mulesing/ marking dressing	Plunge dipping
	3 months	6 months	9 months			
250 mL	167	83	56	250	825	83
1 litre	666	333	222	1000	3300	333
5 litre	3330	1665	1110	5000	16500	1665
10 litre	6660	3330	2220	10000	33000	3330

One product:

- Controls lice in short wool 2-6 weeks after shearing
- Controls lice in long wool between 6 weeks off shears and next shearing
- Treats blowfly strike
- Prevents blowfly strike
- Protects mulesing and other wounds from flystrike

New science for the production of clean wool:

- Nil wool withholding period
- Nil meat withholding period
- Nil export slaughter interval for long wool use

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