

**WARNING - KEEP OUT OF REACH OF CHILDREN. FOR ANIMAL TREATMENT ONLY**

# UNLOCK™

## CONCENTRATE



Lice and fly insect growth regulator  
Dip and jetting concentrate

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**ACTIVE INGREDIENT:**  
250g/litre diflubenzuron.

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**NET CONTENTS**  
**10 Litres**

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## HANDLING PRECAUTIONS

Causes serious eye irritation. Do not breathe vapours. May cause damage to the haemopoietic system. Avoid contact with eyes. Wear protective gloves, protective clothing, eye and face protection. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

## FIRST AID

If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, seek medical attention. If inhaled move to fresh air. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

## ENVIRONMENTAL PROTECTION

Very toxic to aquatic organisms with long lasting effects. Avoid release to the environment and avoid contamination of any water supply with product or empty container. Collect spillage.

## DISPOSAL

Dispose of any unused contents in a suitable site. Triple rinse empty container. Recycle at Agrecovery site or crush/puncture empty container and bury in a suitable site.

## EMERGENCY RESPONSE

For specialist advice in an emergency call 06 873 3611.



[www.AHDLTD.co.nz](http://www.AHDLTD.co.nz)

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## WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

**MEAT:** Animals producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 7 days of treatment.

**MILK:** Milk intended for sale for human consumption must be discarded during treatment and for 35 days following the last treatment.

**WOOL:** Ensure the time between dipping and subsequent shearing is at least 60 days.

DISTRIBUTED BY:  
ANIMAL HEALTH DIRECT LTD  
1229 MARAEKAKAHO ROAD, LONGLANDS, HASTINGS  
PHONE: (06) 873 3611  
EMAIL: SALES@AHDLTD.CO.NZ  
[www.AHDLTD.co.nz](http://www.AHDLTD.co.nz)

REGISTERED TO: AGVET NZ Ltd  
259 HEANEY ROAD, LOWBURN,  
CROMWELL

EPA approval number HSR002398. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions. Registered pursuant to the ACVM Act 1997 No. A11628 See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S.** (Diflubenzuron). UN Number 3082, Pack Group III, Hazchem 3Z. Store locked up in the original container, tightly closed in a safe place. Store below 30°C away from direct sunlight.

In transport emergency call 111, Police or Fire Brigade. For 24hr specialist advice in an emergency only call **0800 CHEMCALL (0800 243 622)**. If additional safety information is required, refer to the Safety Data Sheet. For a copy of the SDS phone 06 873 3611.



BATCH:  
EXP:



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For protection against blowfly strike, the control of lice and as an aid in the control of cockle damage.

- UNLOCK™ CONCENTRATE is a non-stripping dip to be applied by plunge and saturation shower dips or by jetting.
- UNLOCK™ CONCENTRATE gives protection from blowfly strike and from developing blowfly larvae when used as directed for up to 12 weeks.
- UNLOCK™ CONCENTRATE has been shown to be effective against all flystrike species in New Zealand including the Australian green blowfly *Lucilia cuprina*.
- UNLOCK™ CONCENTRATE will control lice and aid in the control of cockle damage on the pelt. Existing cockle damage will take at least 90 days to heal following treatment with UNLOCK™ CONCENTRATE.

## MODE OF ACTION

Diflubenzuron is an insect growth regulator and acts by interfering with the deposition of chitin in the insect cuticle. This interruption of the moulting and growth process causes death of blowfly larvae and lice nymphs.

## DIRECTIONS FOR USE

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

## SHAKE WELL BEFORE USE

1. Do not use UNLOCK™ CONCENTRATE for the treatment of existing blowfly strike. Existing blowfly strike at times of dipping or after the period of protection must be treated with a blowfly treatment product.
2. Ensure accurate dilution rates by measuring sump and replenishment tank volumes.
3. Apply using well maintained and calibrated equipment. Refer to published information e.g. Wools of New Zealand, for details of correct dipping techniques.
4. Ensure that all sheep are completely saturated to skin depth.
5. Keep dipwash as clean as possible by: using clean water for mixing; emptying sheep overnight before dipping; short or no draining times and dipping no more than one sheep for every 2 litres of initial sump volume (regardless of replenishment) before completely emptying and cleaning the sump.

## FLY STRIKE PREVENTION

### Dilution rates

Plunge and shower	Ewes, hoggets, lambs	150ml/100L
	Lambs (medium-term fly)	150ml/100L
	Lambs (long-term fly control)	250ml/100L
Jetting	All sheep	250ml/100L

The length of protection may be affected by factors such as weather, wool type, skin, wool diseases (mycotic dermatitis or fleece rot) and soiling of wool especially from dags.

## LICE CONTROL

### Dilution rates (all sheep)

Plunge and shower	14-35 days post shearing	60ml/100L
	>35 days post shearing	150ml/100L

Optimum time for application is for 14-35 days after shearing for clean shorn, cover comb shorn and blade shorn sheep. Do not mix treated sheep with untreated sheep until at least 6 weeks after treatment.