



## DELTANIL

### Composition

Each ml contains:

Delmethrin	10mg
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### Characteristics

As a topical application for the treatment and prevention of infestations by lice and flies on cattle; ticks, lice, keds and established blowfly strike on sheep and lice and ticks on lambs.

### Indications

Cattle:

For the treatment and prevention of infestations by both sucking and biting lice. Including *Bovicola bovis*, *Solenopotes capillatus*, *Linognathus vituli* and *Haematopinus eurysternus*.

Also as an aid in the treatment and prevention of infestations by both biting and nuisance flies including: *Haematobia irritans*, *Stomoxys calcitrans*, *Musca* species and *Hydrotaea irritans*.

Sheep:

For the treatment and prevention of infestations by ticks: *Ixodes Ricinus* and by lice (*Linognathus ovis*, *Bovicola ovis*) keds (*Melophagus ovinus*) and established blowfly strike (usually *Lucilia* spp.)

Lambs:

For the treatment and prevention of infestations by ticks *Ixodes Ricinus* and by lice *Bovicola ovis*.

### Dosage and administration

For external use.

Cattle	100mg of deltamethrin per animal corresponding to 10ml of product.
Sheep	50mg of deltamethrin per animal corresponding to 5ml of product.
Lambs (under 10kg/bw or 1 month Of age)	25mg of deltamethrin per animal corresponding to 2.5ml of product

Administration: The product should be applied using an appropriate device:

- for the 0,5 litre and 1 litre bottles, the product is supplied with a dosing cup.

- for the 2,5 litre bottle and the 2,5 litre and 4,5 litre flexible pouches, it is recommended to use an appropriate dosing gun. The flexible pouches should be carried in an appropriate rucksack.

An appropriate applicator should comply with the following specifications:

- it should deliver doses of 2,5ml, 5ml and 10ml

- it should be supplied with a flexible hose of internal diameter between 10mm and 14mm

Cattle: Apply a 10ml dose using an appropriate applicator

Sheep: Apply one 5ml dose using an appropriate applicator.

Application site: see leaflet

Specified indication directions: see leaflet

### Adverse reactions

Squamosis and pruritus have been seen in some cattle during the 48 hours after treatment.

Some adverse effects have been seen following overdose. These include paraesthesia and irritation in cattle, as well as intermittent or attempted urination in young lambs. These have been shown to be mild, transient and resolve without treatment.

### Precautions

Interactions: Do not use with any other insecticide acaricide. Especially in combination with organo-phosphorous compounds, the toxicity of deltamethrin is enhanced.

### Contraindications

Do not use on convalescent or sick animals.

Do not use in cases of known hypersensitivity to the active substances or any of the excipients.

Extra-label use of the product in the non-target species dogs and cats can lead to toxic neurological signs (ataxia, convulsions, tremors), digestive signs (hypersalivation, vomiting) and may be fatal.

Use during pregnancy, lactation or lay.

Laboratory studies (rat, rabbits) have not produced any evidence of teratogenic or embryotoxic effects.

No studies have been conducted with the product in pregnant cows and ewes.

The product can be used in cows and ewes during pregnancy and lactation, according to the benefit/risk assessment by the responsible veterinarian.

### Warnings

Do not apply on or near the animal's eyes and mucous membranes.

To avoid resistance, the product should only be used if the susceptibility of the local fly population to the active substance is assured. If clinical signs do not resolve following treatment, the diagnosis should be revised.

Cases of resistance to deltamethrin have been reported in stinging and nuisance flies in cattle and lice in sheep.

In countries with recognized resistance to deltamethrin the use of the product should ideally be based on results of susceptibility testing. Please ask your veterinarian for further information.

The product will reduce the number of flies resting directly on the animal but it is not expected to eliminate all flies on a farm. The strategic use of the product should, therefore, be based on local and regional epidemiological information about susceptibility of parasites, and used in association with other pest management methods.

Care should be taken to avoid the following practices because they increase the risk of development of resistance and could ultimately result in ineffective therapy:

- too frequent and repeated use of ectoparasiticides from the same class over an extended period of time;

- underdosing which may be due to underestimation of bodyweight, misadministration of the product, or lack of calibration of the dosing device.

The product is for external use only.

Care should be taken to prevent licking of the product. Avoid use of the product during extremely hot weather and ensure animals have adequate access to water.

The product should only be administered onto undamaged skin as toxicity is possible due to absorption from major skin lesions. However, signs of local irritation may occur after treatment as skin may be already affected by infestation.

### Withholding period

Cattle:

Meat and offal: 17 days

Milk: 0 hours

Sheep:

Meat and offal: 35 days

Milk: 0 hours

### Storage

Store at room temperature 15-25°C.

Keep out of sight and reach of children

### Presentation

Bottles à 0,5L, 1L and 2,5 L

Flexible pouches à 2,5 and 4,5L

### Registration (international)

Vm 05653/4168