AMITRAZ 12.5%

EXTERNAL ANTIPARASITIC
LIQUID EMULSION

Health Registration No.: 3B1-11874-AGROCALIDAD

Formula:

Each 100 ml contains:

Amitraz	12.5 g
Excipients q.s.	100 ml

SPECIES AND DOSAGE:



Species	Indications	Dose (mL)
Cattle	Ticks	1.6 mL / 1 L of water (1 L of product / 600 L of water)
Sheep and Goats	Mange and lice	3.2 mL / 1 L of water
Swine	Mange	20 mL / 5 L of water
Canines	Ticks	2 mL / 1 L of water
Canines	Demodectic or sarcoptic mange	4 mL / 1 L of water

ROUTE OF ADMINISTRATION:
Apply as a spray bath using a pump or spray hose, using **4–5 liters of the mixture for each adult animal**.

INIDICATIONS

Ectoparasiticide for use in dogs, cattle, sheep, goats, and pigs. Its spectrum of activity includes: mites and ticks (Boophilus microplus, Rhipicephalus sanguineus, Psoroptes spp., Sarcoptes scabiei, Notoedres cati, Demodex canis), lice, and melophagous lice (Linognathus ovillus, Linognathus pedalis, Bovicola ovis, Melophagus ovinus).

ROUTE OF ADMINISTRATION: topical, by spray bathing or spray hose.

PHARMACOKINETICS

Amitraz is degraded in the coat to N-methyl-(2,4 xylil)formamidine. Small concentrations of the degradation product dimethylaniline may also be detected on the skin of the treated animal.

MECHANISM OF ACTION

In dogs, amitraz solution is primarily used topically for the treatment of generalized demodicosis and for the treatment and prevention of flea and tick infestations.

The pharmacological action of amitraz is not well understood, but it is a monoamine oxidase inhibitor (in mites) and may have adverse effects on the central nervous system (CNS) of susceptible organisms. It also appears to possess alpha-2-adrenergic activity and to inhibit prostaglandin synthesis.

PRECAUTIONS – WARNINGS - CONTRAINDICATIONS

• The safety of this product has not been established in dogs younger than 4 months of age.

• Toy dog breeds may be more susceptible to central nervous system effects (transient sedation); therefore, **the use of low doses (half the recommended dose) is recommended.**

• **Do not use in Chihuahuas.**

• Due to the drug's effects on blood glucose levels, use with caution in uncontrolled diabetic patients.

• Safety in pregnant females has not been established. Use only when the benefits outweigh the potential risks of treatment.

• Do not use on patients with deep pyoderma involving fistula formation; postpone application until the lesions improve, following treatment with antibiotics and shampoo.

• Use in species other than those authorized is not recommended.

DRUG INTERACTIONS

Avoid the concurrent administration with other topical ectoparasiticides.

ADVERSE REACTIONS

• Adverse effects are more likely to occur in debilitated or elderly patients, or in very small dog breeds.

• Adverse effects may include: ataxia, bradycardia, vomiting, diarrhea, hypothermia, and transient hyperglycemia. Seizures have rarely been reported.

• Topical adverse effects may include edema, erythema, and pruritus.

• Amitraz can be toxic if ingested (by both animals and humans). Yohimbine at a dose of 0.11–0.2 mg/kg IV (starting with the lower end of the dose range) may be beneficial for treating the effects of an overdose in animals.

WITHDRAWAL

In meat-producing animals for human consumption: 14 days.
In milk-producing animals: 24 hours.

COMMERCIAL PRESENTATIONS

33-ml bottle