

Tetragen-Fly Spray

For Veterinary Use Only

Composition:

Each ml contains

Oxytetracycline HCl.....	40mg
Gentian Violet.....	4mg
Citronella Oil.....	20mg
Permethrin.....	10mg

Indications:

Recommended for use on infected wounds to kill microorganism responsible for skin infections, to kill maggots in and around superficial wounds, to protect from flies, ticks, insects by dual repellent action of permethrin and citronella oil.

Properties:

Oxytetracycline inhibits cell growth by inhibiting translation. It binds to the 30S ribosomal subunit and prevents the aminoacyl tRNA from binding to the A site of the ribosome. The binding is reversible in nature.

Oxytetracycline is lipophilic and can easily pass through the cell membrane or passively diffuses through porin channels in the bacterial membrane. Oxytetracycline is indicated for treatment of infections caused by a variety of Gram positive and Gram negative microorganisms including *Mycoplasma pneumonia*, *Pasteurella pestis*, *Escherichia coli*, *Haemophilus influenza* (respiratory infections), and *Diplococcus pneumonia*.

Citronella oil is an essential oil obtained from the leaves and stems of different species of *Cymbopogon* (lemongrass). It is a plant-based insect repellent with a non-toxic mode of action.

Permethrin is an antiparasitic active ingredient used in livestock and pets against external parasites (lice, mites, fleas, flies, ticks, etc.). Permethrin act on the membrane of nerve cells blocking the closure of the ion gates of the sodium channel during repolarization. This strongly disrupts the transmission of nervous impulses. At low concentration, insects suffer from hyperactivity. At high concentration, they are paralyzed and die.

Dosage and Administration:

Remove the protective cap properly clean the infected area from dead tissues, dried serum, secretions, hold container upright and spray from a distance of 15-20cm, press sprat nozzle for few seconds to cover the affected area completely.

Precaution:

Do not inhale vapors, use in well-ventilated area.

Do not spray near eyes, nose and face of the animal or near open flames.

Do not puncture or incinerate even when empty.

Shake well before use.

For external use only.

Highly inflammable.

Consult the veterinarian before use.

Keep out of the reach of children.

Protect from light and moisture.

Store between 15-25 °C in a cool and dry place.

Pack size:

125ml

Innovator's Specs