Milbemycin Oxime

Common brand names

Single ingredient
Interceptor

Combined ingredients
Sentinel Flavored Tabs (with Lufenuron)
Sentinel Spectrum (with Lufenuron + Praziquantel)
Interceptor Plus (with Praziquantel)
Milbemax (with Praziquantel)

Generic products are available.

Uses of Milbemycin Oxime

Milbemycin Oxime is a broad-spectrum endoparasiticide and ectoparasiticide used mainly to treat internal parasites in dogs and cats.

For dogs: Used to prevent the development of heartworm disease, control hookworm, and treat and control roundworm and whipworm. It is also effective against some species of mites.

For cats: Used to prevent the development of heartworm disease and control hookworm and roundworm.

Combined with Praziquantel to treat tapeworms in dogs and cats.

Combined with Lufenuron to treat fleas in dogs only. These products are not suitable for cats.

Method of application

Oral application supplied as tablets.

Dosage and administration

Please note that these directions refer to products containing Milbemycin Oxime only, and may not be applicable to products containing a combination of ingredients.

Milbemycin Oxime tablets may be offered directly to the animal as a treat, added to food, or administered as a tablet medication. Monitor the animal to ensure that no part of the tablet is lost or rejected. If it is not entirely consumed, redose once with the full recommended dose as soon as possible.

For maximum efficacy, Milbemycin Oxime must be administered once a month, preferably on the same day each month.

For seasonal protection, pets should be given their first dose within 30 days of their first exposure to mosquitoes, with dosing continued until one month after the end of the mosquito season. Where mosquitoes are present all year round, treatment may continue throughout the year at monthly intervals.
Possible side effects

Side effects reported in animals treated with Milbemycin Oxime include depression, lethargy, vomiting, loss of appetite, diarrhea, convulsions, weakness, and hypersalivation.

Be aware that dogs and cats treated with the same product may experience different side effects.

Precautions

The most common problems caused by Milbemycin Oxime occur from incorrect dosing. Ensure that you are using the correct product for your animal's type and weight; never use a product intended for dogs to treat cats.

As with all heartworm preventative, animals should be tested and cleared for existing heartworm before starting preventative treatment.

Use with caution in collies or related breeds as these dogs have an increased sensitivity to the effect of Milbemycin Oxime, and toxicity can more easily occur.

Do not use on dogs under 4 weeks of age or weighing less than 2 pounds (0.9 kg).

Do not use on cats under 6 weeks of age or weighing less than 1.5 pounds (0.7 kg).

Signs of toxicity

Symptoms on Milbemycin Oxime poisoning may include loss of coordination, disorientation, tremors, pupil dilation, depression, blindness, and coma.

If you suspect your dog or cat has had an overdose, contact your veterinarian immediately.

Storage

Store at room temperature, between 59-77°F (15-25°C).

Disclaimer

This information is provided for general reference only and is not intended to replace the packaging label or veterinary advice. This page may not include all side effects, uses, brand names or applications.