Plumb's Drug Handouts

Milbemycin, Otic

(*mil-beh-**my**-sin*)

Key Information

- Antiparasitic ear drops used to treat ear mite infestations.
- Usually given as a single dose, but a repeat treatment may be recommended.
- This medication is generally well tolerated.

Note: The purpose of this information sheet is to answer commonly asked questions. It does not contain all available information for this medication and is not a substitute for medical advice provided by your veterinary healthcare team.

Description	• Antiparasitic ear drops
Other common names	*MilbeMite*
Uses	FDA-approved uses in animals: • Treatment of ear mite infestations in cats At the discretion of your veterinarian, this medication may be used in different species or for other reasons (extra-label use).
Before this medication is given	No medication is 100% safe in all patients. Discuss with your veterinarian: • Any other medications or supplements your animal is taking • Any conditions or diseases your animal currently has or has had in the past • Any side effects your animal has had to medications in the past • The risks of using this medication if your animal is pregnant or nursing
Warnings for animals	Do **not** use in animals that are allergic to milbemycin or similar medications like ivermectin. Use **with caution** in: • Cats less than 4 weeks old • Cats with known or suspected ruptured ear drum Certain medications are not allowed in some animal competitions. Check rules and regulations when your animal is taking a medication.
Warnings for humans	Wash your hands after handling any medication.

How do I give this medication?	• Apply the contents of 1 full tube to each ear as directed by your veterinarian.
	• Do **NOT** give this medication by mouth.
	• To apply:
	  - Hold the applicator upright, pointed away from your face.
	  - Press down on the cap firmly to break the seal.
	  - Remove cap and check to make sure the seal has been broken.
	  - Place the tip of the tube in the ear and squeeze the entire contents of the tube into ear.
	  - Gently massage the base of the ear to help spread the medication.
	• You may clean the ear(s) before applying the medication, but it isn't necessary.
	Apply exactly as your veterinarian has prescribed. Always follow the instructions on the prescription label.

Side effects	This medication is generally well-tolerated and does not cause side effects. Contact your veterinarian if you have concerns about possible side effects.
How will I know it's working?	Ear mites should be killed within the first week after application. Your animal's signs should improve within this time.

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	Contact your veterinary clinic if your animal's signs worsen or do not improve.
How long will the medication effects last?	The effects of this medication could last for as long as 4 weeks after the last dose.
How long do I give it for?	This medication is usually given as a single dose, but the treatment may need to be repeated. Follow your veterinarian's instructions.
Overdose	Overdoses are unlikely when used topically, but side effects or toxicity can occur if the medication is eaten. If this happens, contact your veterinarian or an animal-specific poison control center for further advice (consultation fee applies): • **ASPCA Animal Poison Control Center**: (888) 426-4435 • **Pet Poison Helpline**: (855) 764-7661 *Have the product or label with you if possible.*
Missed dose	This medication is generally given as a single dose. If your veterinarian recommended an additional treatment and the repeat dose was missed, give it as soon as you remember.
Storage	• Store in the original container at room temperature. • Keep out of reach of children and animals.
Disposal	Do **not** flush this medication down the toilet or wash it down the sink. This medication is **very harmful to aquatic life**. Options for disposing of unused or expired medications include: • Drug take-back sites: This is preferred whenever possible. To find a site near you, contact your local law enforcement or waste management authorities. • Home disposal: Mix the medication in with coffee grounds or kitty litter, seal it in a plastic bag, and throw it away in the trash. *Do **not** save leftover medication or give it to others to use.*
Questions?	Talk to your veterinarian.

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