

Amoxicillin

(a-mox-i-sill-in)

Description:

Aminopenicillin Antibiotic

Other Names for this Medication:

Amoxil®, Amoxi-Tabs®, Amoxi-Drop®, Bimox®

Common Dosage Forms:

Veterinary: 50 mg, 100 mg, 150 mg, 200 mg, & 400 mg tablets; 50 mg/mL oral suspension; **Human:** 250 mg & 500 mg capsules; 500 mg & 875 mg tablets; 125 mg/5 mL (25 mg/mL), 200 mg/5mL (40 mg/mL), 250 mg/5 mL (50 mg/mL), & 400 mg/5 mL (80 mg/mL) oral suspension.

This information sheet does not contain all available information for this medication and has not been reviewed by FDA Center for Veterinary Medicine. This sheet can help answer commonly asked questions but is not a substitute for medical advice. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

Key Information

- Can be given with or without food, but gastrointestinal side effects (eg, vomiting, diarrhea, lack of appetite) might be prevented if given with food.
 - Be sure to give as long as your veterinarian has prescribed, even if your animal seems better.
 - Do not give to rabbits, guinea pigs, chinchillas, hamsters, rodents, or other pocket pets because life-threatening diarrhea may occur.

How is this medication useful?

In dogs and cats, amoxicillin can be useful to treat infections of the skin, respiratory tract, and urinary tract. Amoxicillin has been used in ferrets to treat ulcers caused by *Helicobacter* spp infections.

The FDA (U.S. Food & Drug Administration) has approved some dosage forms of this drug for use in animals. The FDA allows veterinarians to prescribe and use products containing this drug in different species or for other conditions in certain situations. You and your veterinarian can discuss why this drug is the most appropriate choice.

What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- Other drugs that can interact with this medication, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.
- Tell your veterinarian about any conditions or diseases your animal may have now or has had in the past.
- If your animal has been treated for the same condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.
- If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your animal has developed in the past.

How long until I will know if this medication is working, and how long will the effects of this medication last?

This medication should start having effects within 1 to 2 hours; however, you may not see the effects of this medication outwardly. Your animal should begin feeling better within 1 to 2 days.

The effects of this medication are short-lived, meaning they will stop working within 24 hours, although the benefits may be prolonged if your animal has decreased kidney and/or liver function.

When should this medication not be used or be used very carefully?

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used in patients:

- That are allergic to it or drugs like it (eg, penicillin).
- Such as rabbits, guinea pigs, hamsters, chinchillas, rodents, and other pocket pets, as fatal gastrointestinal effects are possible.

If your animal has any of these conditions, talk to your veterinarian about the potential risks versus benefits.

What are the side effects of this medication?

Side effects that usually are not serious include:

- Diarrhea, vomiting, and loss of appetite.

You don't have to be overly concerned if you see any of these signs unless they are severe, worsen, or continue to be a problem. Contact your veterinarian if this happens.

Side effects that may be serious or indicate a serious problem:

- Complete loss of appetite in cats can sometimes cause severe liver problems.
- Fever, rashes, trouble breathing, or pale gums, which may be symptoms of allergic reactions to the drug.

If you see any of these signs, contact your veterinarian immediately.

If my animal gets too much of this medication (an overdose), what should I do?

Vomiting is the most likely adverse effect of an overdose, but large overdoses of amoxicillin can be serious and can cause damage to the nervous system. If you witness or suspect an overdose, immediately contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **ASPCA Animal Poison Control Center** (888-4264435) and **Pet Poison HELPLINE** (855-764-7661); a consultation fee is charged for these services.

How should this medication be given?

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

- Amoxicillin can be given with or without food, but if your animal vomits or acts sick after receiving the drug on an empty stomach, try giving the next dose with food or a small treat. If vomiting continues, contact your veterinarian.
- Liquid forms of this medication must be measured carefully and stored at room temperature or in the refrigerator and should be shaken well before giving. Your veterinarian or pharmacist can help by providing special measuring spoons or syringes. Liquid forms of this drug should be discarded 14 days after mixing.
- If you have difficulty getting your animal to take the medicine, contact your veterinarian or pharmacist for tips to help dosing and reduce the stress of medication time for both you and your animal.
- This medication can be given for various lengths of time. Be sure you understand how long your veterinarian wants you to continue giving this medication. Prescription refills may be necessary before the therapy will be complete. Before stopping this medication, talk to your veterinarian, as there may be important reasons to continue its use.

What should I do if I miss giving a dose of this medication?

If you miss a dose, give it when you remember, but if it is close to the time for the next dose, skip the dose you missed and give it at the next scheduled time. After that, return to the regular dosing schedule. Do not double-up or give extra doses.

How should I store this medication?

- Store tablets and capsules in their original prescription bottle or an approved dosage reminder (ie, pill minder) container at room temperature. Liquid forms may be stored either at room temperature or in the refrigerator.
- If your veterinarian or pharmacist has made (compounded) a special formulation for your animal, follow the storage recommendations and expiration date for the product.
- Keep away from children and other animals.

Can handling this medication be hazardous to me, my family, or other animals?

There are no specific precautions required when handling this medication unless you are allergic to it. Wash your hands after handling any medication.

How should I dispose of this medication if I don't use it all?

- Do not flush this medication down the toilet or wash it down the sink. If a community drug "take-back" program is available, use this option. If there is no take-back program, mix the drug with coffee grounds or cat litter (to make it undesirable to children and animals and unrecognizable to people who might go through your trash), place the mixture in a sealable plastic bag to keep it from leaking out, and throw the bag out with the regular trash.
- Do not save leftover medication for future use or give it to others to use.

What other information is important for this medication?

Use of this drug may not be allowed in certain animal competitions. Check rules and regulations before entering your animal in a competition while this medication is being administered.

If you have any other questions about this medication, contact your veterinarian or pharmacist.