

Chytrid Treatment in Captive Collections

1mL of Spray Lamisil AT added to 200mL of Amphibian Safe Water

Directions: Soak infected amphibian in mixture for 5 minutes every day for 8-10 days. Sterilize equipment used after each treatment and enclosure before returning your amphibian to the habitat.

Drug Facts of Lamisil AT:

Active Ingredient:

Terbinafine hydrochloride 1%

Inactive Ingredients:

Benzyl alcohol, cetyl alcohol, cetyl palmitate, isopropyl myristate, polysorbate 60, purified water, sodium hydroxide, sorbitan monostearate, stearyl alcohol.



Lamisil AT can be purchased online at many big box retailers. A medicine dosage spoon, oral or injection syringe can be used to spray liquid into for measurement. Water can be measured in a beaker or measuring cup.

After a brief removal from the USA market, Lamisil AT has been relabeled and can now be found on most big box retailer websites for \$10-15.



Place the solution in a container used to hold your amphibian. You can gently swirl the solution to cover the amphibian (use a lid) or use a pipette to place the solution over its entire body.



Place the amphibian in the solution for 5 minutes. Once completed, return the amphibian to a sterilized quarantine container. Sterilize all supplies (including solution) in a 10% bleach solution (1 cup of bleach to a gallon of water.) Repeat for 8-10 days. If the amphibian was living in an existing vivarium it must be sanitized and rebuilt to prevent repeat transmission of Bd (chytrid).

If you are interested in testing your amphibians for Chytrid or Ranavirus we use and recommend:

Research Associates Laboratories

www.vetdna.com

Work Cited:

Bowerman, J., Rombough, C., Weinstock, S., & Padgett-Flohr, G. (2010). Terbinafine Hydrochloride in Ethanol Effectively Clears Batrachochytrium dendrobatidis in Amphibians. *Journal of Herpetological Medicine and Surgery*, 20(1), 24-28.

