

Florfenicol

SCHEDULING STATUS: S4

CURRENTLY COMPOUNDED FORMULATIONS:

Active ingredient(s)	Injectable	Oral equine paste	Oral carnivore paste	Orals for exotics	Oral solution/suspension	Topical treatment	Shampoo	Capsules/Tablets	Oral powder
Florfenicol					✓				✓

REGISTERED PRODUCT/ TRADE NAME: NuFlor®

PHARMACOLOGICAL CLASSIFICATION: Antimicrobial^[1]

PHARMACOLOGICAL ACTION: Florfenicol has a broad spectrum of activity against many bacteria by binding to the 50S ribosome and thereby inhibiting bacterial protein synthesis.^[1]

INDICATIONS: Used for the treatment of bacteria sensitive to florfenicol. ^[1]

DOSAGE AND DIRECTIONS FOR USE:

POULTRY:

30 mg/kg BM in drinking water. According to reference [2] it can be given BID, however, in South Africa most poultry veterinarians are using it O/D in the drinking water.

SWINE:

88 mg/L (100 ppm) in drinking water for 5 days.

FRESHWATER FISH:

To be used in-feed for the preparation of medicated feed. To be mixed into or on feed to deliver a total daily dose rate of 10 mg florfenicol per kg body weight for 10 consecutive days.^[4]

WARNINGS/ PRECAUTIONS/ CONTRA-INDICATIONS:

- Do not use in patients with a history of florfenicol sensitivity. ^[1]
- Do not use in pregnant and lactating animals. ^[1]
- Withdrawal period: 5 days for the dosage recommended above will be a safe withdrawal time (The elimination half-life after PO application of 30 mg/kg BM is about 2 hours). ^[3]
- Do not use in broodstock fish.^[4]

REFERENCES:

1. Plumb's Veterinary Drug Handbook, Sixth edition, by Donald C. Plumb
2. https://www.vetpharm.uzh.ch/wir/00007323/1342_05.htm
3. https://www.vetpharm.uzh.ch/wir/00007323/1342_03.htm
4. As per Aquaflor package insert.