



Pennox 343[®]

(oxytetracycline HCl)

Soluble Powder

Product Description

- Water-soluble antibacterial powder for oral administration in drinking water of chickens, turkeys, cattle, swine, and sheep; also for use in honey bees and finfish
- Each packet contains 512 grams of oxytetracycline HCl (343 g/lb)



Formulation

- Free-flowing soluble powder.
- Ingredient: Oxytetracycline HCl.

FDA Status

- CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Withdrawal Period

- 0 days for chicken, turkeys, and swine.
- 5-day withdrawal for cattle and sheep.
- For full Withdrawal Period and Residue Warnings, refer to the back page.
- Different withdrawal times may be required for certain export markets.

Packaging

- 23.9-oz packets, packed 24 packets per box.

Indications (Partial List, See Back)

- Swine: Control and treatment of bacterial enteritis (*Escherichia coli*, *Salmonella choleraesuis*) and bacterial pneumonia (*Pasteurella multocida*); control and treatment of leptospirosis (*Leptospira pomona*, reducing the incidence of abortions and shedding).
- Cattle, sheep: Control and treatment of bacterial enteritis (*E. coli*) and bacterial pneumonia/shipping fever complex (*P. multocida*).
- Chickens: Control of infectious synovitis (*Mycoplasma synoviae*); control of chronic respiratory disease (CRD) and air sac infection (*Mycoplasma gallisepticum*, *E. coli*); control of fowl cholera (*P. multocida*).
- Turkeys: Control of infectious synovitis (*M. synoviae*); control of hexamitiasis (*Hexamita meleagridis*); control of complicating bacteria associated with bluecomb (transmissible enteritis, coronaviral enteritis).
- Also for honey bees and finfish.

Key Features

- Convenient, cost-effective treatment option vs injectable therapy.
- Broad spectrum, effective against both Gram-positive and Gram-negative organisms that can cause respiratory, enteric, or reproductive diseases.
- Readily absorbed, providing effective blood and lung tissue concentrations.
- Highest concentration, 343 g/lb of oxytetracycline HCl.
- Wide safety margin.
- High-quality manufacturing at US Pharmgate facilities according to FDA requirements.

The labeling contains complete use information, including cautions and warnings. Always read, understand and follow the labeling and use directions. See the back page for use directions and additional information.

Indications and Directions For Use

For the control of the following poultry diseases caused by organisms susceptible to oxytetracycline. Add the following amount to ten gallons of stock solution when proportioner is set to meter at the rate of one ounce per gallon.

| | Packs/10 Gallons | Stock Solution | Dosage |
|---|------------------|---|--------|
| Chickens | | | |
| Infectious synovitis caused by <i>Mycoplasma synoviae</i> | 1/2-1 | 20-40 mg/gal | |
| Chronic respiratory disease (CRD) and air-sac infection caused by <i>Mycoplasma gallisepticum</i> and <i>Escherichia coli</i> | 1-2 | 40-80 mg/gal | |
| Fowl cholera caused by <i>Pasteurella multocida</i> | 1-2 | 20-40 mg/gal | |
| Turkeys | | | |
| Heamatitis caused by <i>Haemophilus megateris</i> | 1/2-1 | 20-40 mg/gal | |
| Infectious synovitis caused by <i>Mycoplasma synoviae</i> | 1 | 40 mg/gal | |
| Growing Turkeys – Complicating bacterial organisms associated with bluecomb/transmissible enteritis, coronavirus enteritis | | Varies with age & water consumption (1 pack will treat 20,460 lbs of turkeys) | |

Medicate continuously at the first clinical signs of disease and continue for 7-14 consecutive days. If improvement is not noted within 24-48 hours, consult a veterinarian or a diagnostic laboratory to determine diagnosis and advice on dosage. See Residue Warnings.

Finfish

For the marking of skeletal tissues in finfish fry and fingerlings. Immerse in 200-700mg oxytetracycline HCl (buffered) /L of water for 2-6 hours. Solution should be tested on a small number of fish before full-scale use. See Residue Warnings.

DISPOSAL OF TREATED WATERS: Do not discharge marking immersion water containing oxytetracycline into surface waters.

ADVERSE REACTIONS: Oxytetracycline HCl will acidify the water. The pH should be maintained at an acceptable level for fish by the addition of a buffer. Monitor water quality and temperature.

RESIDUE WARNINGS: Do not administer to cattle or sheep within 5 days of slaughter. Zero day withdrawal in chickens, turkeys and swine. Do not administer to chickens or turkeys producing eggs for human consumption. A milk discard period of 7 days is required for dairy cattle and dairy goats. Do not use in female dairy cattle 20 months of age or older. An additional withdrawal time beyond the grow-out period is not needed for finfish. For honey bees, the drug should be fed early in the spring or fall and consumed by the bees before they begin to produce honey. Avoid the collection of honey from hives treated with this drug. Do not use on bees producing honey. Remove at least 6 weeks prior to main honey flow.

RECOMMENDED STORAGE: STORE BELOW 104°F (40°C). NOT FOR USE IN HUMANS. KEEP OUT OF REACH OF CHILDREN. Use Only As Directed.

Pharmgate Animal Health
Omaha, NE 68144

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(oxytetracycline HCl)

Soluble Powder

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

A Broad-Spectrum Antibiotic

For control and treatment of specific diseases in poultry, cattle, swine, sheep and honey bees.

For the marking of skeletal tissues in finfish fry and fingerlings.

Each packet contains 512 grams of oxytetracycline HCl and will make:

2,560 gallons (9,690 L) containing 200 mg oxytetracycline HCl per gallon

1,280 gallons (4,845 L) containing 400 mg oxytetracycline HCl per gallon

640 gallons (2,420 L) containing 800 mg oxytetracycline HCl per gallon

For oral use only in poultry, cattle, sheep, swine and honey bees. Fish should be treated by immersion

Net Contents: 23.9 oz (677.6 g)

Approved by FDA under ANADA # 200-026

NOT FOR USE IN HUMANS.

#F343-2 Rev. 3/25



Pharmgate
ANIMAL HEALTH

Marketed by:
Pharmgate Animal Health, LLC
14040 Industrial Road
Omaha, Nebraska 68144



For the control and treatment of the following diseases caused by organisms susceptible to oxytetracycline.

| | Dosage |
|---|--|
| Swine | Bacterial enteritis caused by <i>Escherichia coli</i> and <i>Salmonella choleraesuis</i> Bacterial pneumonia caused by <i>Pasteurella multocida</i> For breeding Swine: Leptospirosis (reducing the incidence of abortions and shedding of leptospira) caused by <i>Leptospira Pennum</i> Administer in the drinking water at a level of 10mg oxytetracycline HCl per lb of body weight daily. Administer up to 5 days. See Residue Warnings. |
| Calves, Beef Cattle and Non-Lactating Dairy Cattle | Bacterial enteritis caused by <i>Escherichia coli</i> Bacterial pneumonia (shipping fever complex) caused by <i>Pasteurella multocida</i> Do not mix this product with milk or milk replacers. Administer one hour before or two hours after feeding milk or milk replacers. Administer in the drinking water at a level of 10mg oxytetracycline HCl per lb of body weight daily. Administer up to 5 days. See Residue Warnings. |
| Sheep | Bacterial enteritis caused by <i>Escherichia coli</i> Bacterial pneumonia (shipping fever complex) caused by <i>Pasteurella multocida</i> Administer in the drinking water at a level of 10mg oxytetracycline HCl per lb of body weight daily. Administer up to 5 days. See Residue Warnings. |
| Honey Bees | 200 mg/vol/vol Administer in 3 applications of 1/1 sugar syrup (equal parts of sugar and water weight to weight) or 5 dustings at 4-5 day intervals. Apply dust on the cauter parts or ends of the frames. See Residue Warnings. |

PRECAUTIONS: Prepare fresh solution every 24 hours. Use as sole source of oxytetracycline. Not to be used for more than 14 consecutive days in chickens and turkeys or 5 consecutive days in cattle, swine or sheep. **FOR USE IN DRINKING WATER ONLY. NOT FOR USE IN LIQUID FEED SUPPLEMENT.**

SPECIAL NOTE: The concentration of drug required in medicated water must be adequate to compensate for variation in the age of the animal, feed consumption rate and the ambient temperature and humidity, each of which affects water consumption.

CONTACT INFORMATION: For technical assistance or to obtain a copy of the Safety Data Sheet, contact Pharmgate Animal Health LLC at 1-800-380-6099 or www.pharmgate.com. To report suspected adverse drug events, contact Pharmgate Animal Health LLC at 1-855-531-0114. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VEHS or <http://www.fda.gov/reportanimal>



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ANIMAL HEALTH

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