



# Neo-Oxy 100/100 MR<sup>®</sup>

## Neomycin, Oxytetracycline Type A Medicated Article



### PRODUCT DESCRIPTION

- Soluble antibacterial combination for oral administration to cattle in milk replacers or starter feeds.
- Each pound of powder contains 100 grams of oxytetracycline activity and 100 grams of neomycin sulfate.

### FORMULATION

- Free-flowing soluble powder.
- Ingredients: Oxytetracycline hydrochloride, neomycin sulfate.

### FDA STATUS

- CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by or on the order of a licensed veterinarian.
- Type A Medicated Article for use in the manufacture of medicated dry feeds (not for use in liquid feeds except milk replacers).
- Category II drug; requires a feedmill license (not required for Type B and Type C medicated feeds).

### INDICATIONS

- Cattle: Treatment of bacterial enteritis (*Escherichia coli*); treatment of bacterial pneumonia/shipping fever complex (*Pasteurella multocida*); control and treatment of colibacillosis (*E. coli*).

### WITHDRAWAL PERIOD

- 5 days.

### PACKAGING

- 50-lb fiber drums.

### KEY FEATURES

- Compatible with most milk replacers.
- Combination of two potent antimicrobials that provide systemic and enteric efficacy against bacteria that cause disease.
- Broad-spectrum oxytetracycline is readily absorbed, providing effective blood and lung tissue concentrations. Neomycin generally stays in the gut, providing activity against enteric pathogens.
- Convenient, cost-effective treatment option for calves vs injectable therapy or other antimicrobial combinations.
- Free-flowing, highly soluble formulation promotes easy mixing.
- Wide safety margin.
- High-quality manufacturing at US Pharmgate facilities according to FDA requirements.

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**Active Drug Ingredients:**

Oxytetracycline Hydrochloride 100 grams/lb.  
Neomycin Sulfate 100 grams/lb.

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For Use in the Manufacture of Medicated Feeds.

CAUTION: For use in Dry Feeds ONLY.

NOT FOR USE IN LIQUID FEED SUPPLEMENTS

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## Mixing and Use Directions

Mix Neo-Oxy 100/100 MR<sup>®</sup> with non-medicated milk replacer to provide the following concentrations:

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Indications For Use	Use Levels of Oxytetracycline and Neomycin	Ib. of Neo-Oxy 100/100 MR <sup>®</sup> per ton of Type C Medicated Feed <sup>1</sup>
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### Calves (milk replacer).

**For Calves (up to 250 lb):** for treatment of bacterial enteritis caused by *Escherichia coli* susceptible to oxytetracycline; treatment and control of colibacillosis (bacterial enteritis) caused by *Escherichia coli* susceptible to neomycin. Feed continuously for 7-14 days in milk replacers or starter feed. Treatment should continue 24 to 48 hours beyond remission of disease symptoms.

10 mg/lb body  
weight/day

20<sup>2</sup>

RESIDUE WARNING: A WITHDRAWAL PERIOD HAS NOT BEEN ESTABLISHED FOR USE IN PRERUMINATING CALVES. DO NOT USE IN CALVES TO BE PROCESSED FOR VEAL. A MILK DISCARD TIME HAS NOT BEEN ESTABLISHED FOR USE IN LACTATING DAIRY CATTLE. DO NOT USE IN FEMALE DAIRY CATTLE 20 MONTHS OR OLDER, INCLUDING DRY DAIRY COWS. USE IN THESE CATTLE MAY CAUSE DRUG RESIDUES IN MILK AND/OR IN CALVES BORN TO THESE COWS. WITHDRAW 5 DAYS BEFORE SLAUGHTER. USE OF MORE THAN ONE PRODUCT CONTAINING NEOMYCIN OR FAILURE TO FOLLOW WITHDRAWAL TIMES MAY RESULT IN ILLEGAL DRUG RESIDUES.

### Calves, Beef Cattle, and Nonlactating Dairy Cattle

For treatment of bacterial enteritis caused by *Escherichia coli* and bacterial pneumonia (shipping fever complex) caused by *Pasteurella multocida* susceptible to oxytetracycline; treatment and control of colibacillosis (bacterial enteritis) caused by *Escherichia coli* susceptible to neomycin. Feed continuously for 7-14 days in feed or milk replacers. Treatment should continue 24 to 48 hours beyond remission of disease symptoms.

10 mg/lb body  
weight/day

20<sup>2</sup>

RESIDUE WARNING: A WITHDRAWAL PERIOD HAS NOT BEEN ESTABLISHED FOR USE IN PRERUMINATING CALVES. DO NOT USE IN CALVES TO BE PROCESSED FOR VEAL. A MILK DISCARD TIME HAS NOT BEEN ESTABLISHED FOR USE IN LACTATING DAIRY CATTLE. DO NOT USE IN FEMALE DAIRY CATTLE 20 MONTHS OR OLDER, INCLUDING DRY DAIRY COWS. USE IN THESE CATTLE MAY CAUSE DRUG RESIDUES IN MILK AND/OR IN CALVES BORN TO THESE COWS. WITHDRAW 5 DAYS BEFORE SLAUGHTER. USE OF MORE THAN ONE PRODUCT CONTAINING NEOMYCIN OR FAILURE TO FOLLOW WITHDRAWAL TIMES MAY RESULT IN ILLEGAL DRUG RESIDUES.

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<sup>1</sup>Mixing directions are for example only and are based on mixing 1 lb of dry milk replacer with 1 gallon of water.

<sup>2</sup>If calf weighs 100 lb, consuming 1 gallon of milk replacer per day.

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NADA 138-939 Approved by FDA  
Store at 25°C (77°F) with excursions permitted to 37°C (98.6°F).

Restricted Drug (California)  
Use Only as Directed  
Not For Human Use.



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