

Neomycin Sulfate	Combination	Indications for Use	Limitations	Sponsor
(2) 400 to 2,000 g/t of type C milk replacer.		Do.	To provide 10 mg of neomycin sulfate per pound of body weight per day for a maximum of 14 days. Amount consumed will vary depending on animal's consumption and weight. If symptoms persist after using for 2 or 3 days, consult a veterinarian. Treatment should continue 24 to 48 hours beyond remission of disease symptoms. Discontinue treatment prior to slaughter as follows: Cattle 1 day, swine 3 days, sheep 2 days, and goats 3 days. 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 or lactating dairy goats. Do not use in female dairy cattle 20 months of age or older or female dairy goats 12 months of age or older. For use in milk replacers only.	000009

[64 FR 70576, Dec. 17, 1999, as amended at 65 FR 45881, July 26, 2000]

§ 558.365 Nequinatate.

(a) *Approvals.* Type A medicated articles: 4 percent to 017800 in § 510.600(c) of this chapter.

(b) *Related tolerances.* See § 556.440 of this chapter.

(c) *Special considerations.* Do not use in Type B or Type C medicated feeds containing bentonite.

(d) *Conditions of use.* It is used as follows:

(1) *Broiler or fryer chickens—(i) Amount per ton.* Nequinatate, 18.16 grams.

(ii) *Indications for use.* An aid in the prevention of coccidiosis caused by *E. tenella*, *E. necatrix*, *E. acervulina*, *E. maxima*, *E. brunetti*, and *E. mivati*.

(iii) *Limitations.* Feed continuously as the sole ration.

(2) *Roaster chickens or replacement chickens for caged layers—(i) Amount per ton.* Nequinatate, 18.16 grams (0.002 percent).

(ii) *Indications for use.* An aid in the prevention of coccidiosis caused by *E. tenella*, *E. necatrix*, *E. acervulina*, *E. maxima*, *E. brunetti*, and *E. mivati*.

(iii) *Limitations.* Feed continuously as the sole ration; do not feed to chickens over 16 weeks of age.

[40 FR 13959, Mar. 27, 1975, as amended at 51 FR 7399, Mar. 3, 1986; 52 FR 2685, Jan. 26, 1987; 66 FR 45167, Aug. 28, 2001]

§ 558.366 Nicarbazin.

(a) *Specifications.* Type A medicated articles containing 25 percent nicarbazin.

§ 558.366

21 CFR Ch. I (4–1–03 Edition)

(b) *Approvals.* See Nos. 000986, 060728, and 066104 in § 510.600(c) of this chapter for use as in paragraph (d) of this section.

(c) *Related tolerances.* See § 556.445 of this chapter.

(d) *Conditions of use.* It is used in chicken feed as follows:

Nicarbazin in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
27 to 45	Narasin 27 to 45	Broiler chickens; prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , <i>E. mivati</i> .	Sec. 558.363(d)(1)(iii)	000986
	Narasin 27 to 45 and bacitracin methylene disalicylate 4 to 50.	Broiler chickens; prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , <i>E. mivati</i> ; for increased rate of weight gain and improved feed efficiency.	Feed continuously as sole ration. Withdraw 5 days before slaughter. Do not allow turkeys, horses, or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Do not feed to laying hens. Narasin and nicarbazin as provided by 000986, bacitracin methylene disalicylate by 046573.	000986
	Narasin 27 to 45 and bacitracin methylene disalicylate 50.	Broiler chickens: For prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , and <i>E. mivati</i> ; as an aid in the prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin.	Feed continuously as sole ration. Do not feed to laying hens. Withdraw 5 days before slaughter. Do not allow turkeys, horses or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Narasin and nicarbazin as provided by No. 000986, bacitracin methylene disalicylate by No. 046573 in § 510.600(c) of this chapter.	046573
	Narasin 27 to 45 and bacitracin methylene disalicylate 100 to 200.	Broiler chickens: For prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , and <i>E. mivati</i> ; as an aid in the control of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin.	To control necrotic enteritis, start medication at first clinical signs of disease; vary dosage based on the severity of infection; administer continuously for 5 to 7 days or as long as clinical signs persist, then reduce bacitracin to prevention level (50 g/ton). Do not feed to laying hens. Withdraw 5 days before slaughter. Do not allow turkeys, horses or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Narasin and nicarbazin as provided by No. 000986, bacitracin methylene disalicylate by No. 046573 in § 510.600(c) of this chapter.	046573
	Narasin 27 to 45, bacitracin methylene disalicylate 50, and roxarsone 22.7 to 45.4.	Broiler chickens; prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , and <i>E. mivati</i> , as an aid in the prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin, for increased rate of weight gain, improved feed efficiency, and improved pigmentation.	Feed continuously as sole ration. Withdraw 5 days before slaughter. Do not allow turkeys, horses or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Do not feed to laying hens. Use as sole source of organic arsenic. Narasin and nicarbazin as provided by 000986, bacitracin methylene disalicylate and roxarsone by 046573.	046573

Food and Drug Administration, HHS

§ 558.366

Nicarbazin in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
113.5 (0.0125 pct)	Narasin 27 to 45 and Lincomycin 2 to 4.	Broiler chickens; prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , <i>E. mivati</i> ; for increased rate of weight gain and improved feed efficiency.	Feed continuously as sole ration. Withdraw 5 days before slaughter. Do not allow turkeys, horses, or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Do not feed to laying hens. Do not allow rabbits, hamsters, guinea pigs, horses, or ruminants access to feeds containing lincomycin. Ingestion by these species may result in severe gastrointestinal effects. Narasin and nicarbazin as provided by 000986, lincomycin by 000009.	000986
	Narasin 27 to 45 and roxarsone 22.7 to 45.4..	Broiler chickens; for prevention of coccidiosis caused by <i>Eimeria tenella</i> , <i>E. necatrix</i> , <i>E. acervulina</i> , <i>E. maxima</i> , <i>E. brunetti</i> , and <i>E. mivati</i> ; for increased rate of weight gain, improved feed efficiency, and improved pigmentation..	Feed continuously as sole ration. Use as sole source of organic arsenic. Withdraw 5 days before slaughter. Do not allow turkeys, horses or other equines access to formulations containing narasin. Ingestion of narasin by these species has been fatal. Do not feed to laying hens. Use as sole source of organic arsenic. Narasin and nicarbazin as provided by 000986, roxarsone by 046573..	000986
	.....	Chickens; aid in preventing outbreaks of cecal (<i>Eimeria tenella</i>) and intestinal (<i>E. acervulina</i> , <i>E. maxima</i> , <i>E. necatrix</i> , and <i>E. brunetti</i>) coccidiosis.	Feed continuously as sole ration from time chicks are placed on litter until past the time when coccidiosis is ordinarily a hazard; do not use as a treatment for coccidiosis; do not use in flushing mashes; do not feed to laying hens; withdraw 4 days before slaughter.	000986 060728 066104
	Bacitracin methylene disalicylate 30.	Broiler chickens; aid in preventing outbreaks of cecal (<i>Eimeria tenella</i>) and intestinal (<i>E. acervulina</i> , <i>E. maxima</i> , <i>E. necatrix</i> , and <i>E. brunetti</i>) coccidiosis; for increased rate of weight gain and improved feed efficiency.	.....do	060728 066104
	Bacitracin zinc 4 to 50..	Broiler chickens; aid in preventing outbreaks of cecal (<i>Eimeria tenella</i>) and intestinal (<i>E. acervulina</i> , <i>E. maxima</i> , <i>E. necatrix</i> , and <i>E. brunetti</i>) coccidiosis, and for increased rate of weight gain and improved feed efficiency..	For broiler chickens only. Feed continuously as sole ration from time chicks are placed on litter until past the time when coccidiosis is ordinarily a hazard. Discontinue medication 4 days before marketing the birds for human consumption to allow for elimination of the drug from edible tissue. Do not feed to laying hens in production. Nicarbazin as provided by 066104, bacitracin zinc by 046573..	066104

Nicarbazin in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
	Bambermycins 1 to 2.	Broiler chickens; aid in preventing outbreaks of cecal (<i>Eimeria tenella</i>) and intestinal (<i>E. acervulina</i> , <i>E. maxima</i> , <i>E. necatrix</i> , and <i>E. brunetti</i>) coccidiosis, for increased rate of weight gain and improved feed efficiency..	Feed continuously as sole ration from time chicks are placed on litter until past the time when coccidiosis is ordinarily a hazard; do not use as a treatment for coccidiosis; do not use in flushing mashes; do not feed to laying hens; withdraw 4 days before slaughter. Nicarbazin as provided by 066104..	057926
	Lincomycin 2 (0.00044 pct).	Broiler chickens; aid in preventing outbreaks of secal (<i>Eimeria tenella</i>) and intestinal (<i>E. acervulina</i> , <i>E. maxima</i> , <i>E. necatrix</i> , and <i>E. brunetti</i>) coccidiosis; for increased rate of weight gain..	Feed continuously as sole ration from time chicks are placed on litter until past the time when coccidiosis is ordinarily a hazard; do not use as a treatment for coccidiosis; do not use in flushing mashes; do not feed to laying hens; withdraw 4 days before slaughter..	060728 066104
	Roxarsone 22.7 (0.0025)..	.....do	Feed continuously as sole ration from time chicks are placed on litter until past the time when coccidiosis is ordinarily a hazard; as sole source of organic arsenic; do not use a treatment for coccidiosis; do not use in flushing mashes; do not feed to laying hens; withdraw 4 days before slaughter.	060728 066104
	Roxarsone 22.7 (0.0025) plus lincomycin 2 (0.0004)..	.....do .....	.....do	060728 066104

[42 FR 56729, Oct. 28, 1977; 43 FR 1942, Jan. 13, 1978, as amended at 44 FR 40887, July 13, 1979; 50 FR 13562, Apr. 5, 1985; 51 FR 7399, Mar. 3, 1986; 54 FR 1928, Jan. 18, 1989; 60 FR 29483, June 5, 1995; 61 FR 1832, Jan. 24, 1996; 61 FR 14021, Mar. 29, 1996; 61 FR 14483, Apr. 2, 1996; 62 FR 29011, May 29, 1997; 63 FR 13124, Mar. 18, 1998; 63 FR 57248, Oct. 27, 1998; 64 FR 4966, Feb. 2, 1999; 64 FR 18574, Apr. 15, 1999; 64 FR 20164, Apr. 26, 1999; 64 FR 49384, Sept. 13, 1999; 65 FR 11889, Mar. 7, 2000; 66 FR 46706, Sept. 7, 2001; 66 FR 47962, Sept. 17, 2001; 66 FR 63500, Dec. 7, 2001; 67 FR 30327, May 6, 2002]

§ 558.369 Nitarsone.

(a) *Approvals.* Type A medicated articles: 50 percent to 046573 in §510.600(c) of this chapter.

(b) *Related tolerances.* See §556.60 of this chapter.

(c) [Reserved]

(d) *Conditions of use.* It is used as follows:

(1) *Chickens and turkeys.*—(i) *Amount.* Nitarsone, 0.01875 percent.

(ii) *Indications for use.* As an aid in the prevention of blackhead.

(iii) *Limitations.* Early medication is essential to prevent spread of disease. Adequate drinking water must be provided near feeder at all times. The drug is not effective in preventing blackhead in birds infected more than 4 or 5 days. Discontinue use 5 days before

slaughtering animals for human consumption to allow elimination of the drug from edible tissues. The drug is dangerous for ducks, geese, and dogs. Overdosage or lack of water may result in leg weakness or paralysis. Use as sole source of arsenic.

(2) *Turkeys.*—(i) *Amount.* Nitarsone 0.01875 percent, plus bacitracin methylene disalicylate 4 to 50 grams per ton.

(ii) *Indications for use.* As an aid in the prevention of blackhead, and for increased rate of weight gain and improved feed efficiency.

(iii) *Limitations.* For growing turkeys. Feed continuously as sole ration. Early medication is essential to prevent spread of disease. Adequate drinking water must be provided near feeders at