

§ 522.2680 Zeranol.

(a) *Specifications.* Each pellet contains 12, 18, or 20 milligrams (mg) zeranol.

(b) *Sponsor.* See 000061 in § 510.600(c) of this chapter.

(c) *Related tolerances.* See § 556.760 of this chapter.

(d) *Conditions of use—(1) Beef cattle—(i) Amount.* 36 mg zeranol (one implant consisting of 3 pellets, each pellet containing 12 mg zeranol) per implant dose.

(ii) *Indications for use—(A)* For increased rate of weight gain and improved feed conversion in weaned beef calves, growing beef cattle, feedlot steers, and feedlot heifers.

(B) For increased rate of weight gain in suckling calves.

(iii) *Limitations.* Implant subcutaneously in ear only. Do not use in bulls intended for reproduction or in dairy animals. Do not use before 1 month of age or after weaning in heifers intended for reproduction.

(2) *Feedlot lambs—(i) Amount.* 12 mg zeranol (one implant consisting of 1 pellet containing 12 mg zeranol) per implant dose.

(ii) *Indications for use.* For increased rate of weight gain and improved feed conversion.

(iii) *Limitations.* Implant subcutaneously in ear only. Do not use in breeding animals. Do not implant animals within 40 days of slaughter.

(3) *Steers fed in confinement for slaughter—(i) Amount.* 72 mg zeranol (one implant consisting of 6 pellets, each pellet containing 12 mg zeranol) per implant dose.

(ii) *Indications for use.* For increased rate of weight gain and improved feed efficiency.

(iii) *Limitations.* Implant subcutaneously in ear only.

(4) *Pasture cattle (slaughter, stocker, feeder steers, and heifers)—(i) Amount.* 138 mg zeranol (one implant consisting of 7 pellets, each of 6 pellets containing 20 mg zeranol and a seventh pellet containing 18 mg zeranol) per implant dose.

(ii) *Indications for use.* For increased rate of weight gain.

(iii) *Limitations.* Implant subcutaneously in ear only.

[59 FR 19639, Apr. 25, 1994; 60 FR 26360, May 17, 1995, as amended at 62 FR 61625, Nov. 19, 1997; 64 FR 46840, Aug. 27, 1999; 67 FR 6867, Feb. 14, 2002]

§ 522.2690 Zinc gluconate.

(a) *Specifications.* Each milliliter of solution contains 13.1 milligrams zinc as zinc gluconate neutralized to pH 7.0 with L-arginine.

(b) *Sponsor.* See No. 067647 in § 510.600(c) of this chapter.

(c) *Conditions of use in dogs—(1) Amount.* The volume injected into each testicle is based on testicular width as determined by measuring each testicle at its widest point using a metric scale (millimeter) caliper.

(2) *Indications for use.* Intratesticular injection for chemical sterilization of 3- to 10-month-old male dogs.

(3) *Limitations.* Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[68 FR 26995, May 19, 2003]

PART 524—OPHTHALMIC AND TOPICAL DOSAGE FORM NEW ANIMAL DRUGS

Sec.

- 524.86 Amitraz liquid.
- 524.154 Bacitracin or bacitracin zinc-neomycin sulfate-polymyxin B sulfate ophthalmic ointment.
- 524.155 Bacitracin zinc-polymyxin B sulfate-neomycin sulfate-hydrocortisone or hydrocortisone acetate ophthalmic ointment.
- 524.390 Chloramphenicol ophthalmic and topical dosage forms.
- 524.390a Chloramphenicol ophthalmic ointment.
- 524.390b Chloramphenicol ophthalmic solution.
- 524.390d Chloramphenicol-prednisolone ophthalmic ointment.
- 524.402 Chlorhexidine ointment.
- 524.450 Clotrimazole cream.
- 524.463 Copper naphthenate solution.
- 524.520 Cuprimyxin cream.
- 524.575 Cyclosporine ophthalmic ointment.
- 524.660 Dimethyl sulfoxide ophthalmic and topical dosage forms.
- 524.660a Dimethyl sulfoxide solution.
- 524.660b Dimethyl sulfoxide gel.
- 524.770 Doramectin.
- 524.802 Enrofloxacin, silver sulfadiazine emulsion.

§ 524.86

524.814 Eprinomectin.
524.900 Famphur.
524.920 Fenthion.
524.960 Flumethasone, neomycin sulfate, and polymyxin B sulfate ophthalmic solutions.
524.981 Fluocinolone acetonide ophthalmic and topical dosage forms.
524.981a Fluocinolone acetonide cream.
524.981b Fluocinolone acetonide solution.
524.981c Fluocinolone acetonide, neomycin sulfate cream.
524.981d Fluocinolone acetonide, dimethyl sulfoxide solution.
524.981e Fluocinolone acetonide, dimethyl sulfoxide otic solution.
524.1005 Furazolidone aerosol powder.
524.1044 Gentamicin sulfate ophthalmic and topical dosage forms.
524.1044a Gentamicin ophthalmic solution.
524.1044b Gentamicin sulfate, betamethasone valerate otic solution.
524.1044c Gentamicin ophthalmic ointment.
524.1044d Gentamicin sulfate, betamethasone valerate ointment.
524.1044e Gentamicin sulfate spray.
524.1044f Gentamicin sulfate, betamethasone valerate topical spray.
524.1044g Gentamicin sulfate, betamethasone valerate, clotrimazole ointment.
524.1044h Gentamicin sulfate, mometasone furoate, clotrimazole otic suspension.
524.1140 Imidacloprid and ivermectin.
524.1193 Ivermectin pour-on.
524.1195 Ivermectin otic suspension.
524.1200 Kanamycin ophthalmic and topical dosage forms.
524.1200a Kanamycin ophthalmic ointment.
524.1200b Kanamycin ophthalmic aqueous solution.
524.1204 Kanamycin sulfate, calcium amphomycin, and hydrocortisone acetate.
524.1240 Levamisole.
524.1376 2-Mercaptobenzothiazole solution.
524.1443 Miconazole nitrate cream; miconazole nitrate lotion; miconazole nitrate spray.
524.1446 Milbemycin oxime solution.
524.1451 Moxidectin.
524.1465 Mupirocin ointment.
524.1484 Neomycin sulfate ophthalmic and topical dosage forms.
524.1484a Neomycin sulfate ophthalmic ointment.
524.1484b Neomycin sulfate, isoflupredone acetate, tetracaine hydrochloride, and myristyl-gamma-picolinium chloride, topical powder.
524.1484c Neomycin sulfate, isoflupredone acetate, tetracaine hydrochloride ointment.
524.1484d Neomycin sulfate, hydrocortisone acetate, tetracaine hydrochloride ear ointment.

21 CFR Ch. I (4–1–04 Edition)

524.1484e Neomycin sulfate and polymyxin B sulfate ophthalmic solution.
524.1484f Neomycin sulfate, prednisolone acetate, tetracaine hydrochloride eardrops.
524.1484g Neomycin sulfate-thiabendazole-dexamethasone solution.
524.1484h Neomycin, penicillin, polymyxin, hydrocortisone suspension.
524.1484i Neomycin sulfate, hydrocortisone acetate, sterile ointment.
524.1484j [Reserved]
524.1484k Neomycin sulfate, prednisolone, tetracaine, and squalane topical-otic suspension.
524.1580 Nitrofurazone ophthalmic and topical dosage forms.
524.1580a [Reserved]
524.1580b Nitrofurazone ointment.
524.1580c Nitrofurazone soluble powder.
524.1580d [Reserved]
524.1580e Nitrofurazone ointment with butacaine sulfate.
524.1600 Nystatin ophthalmic and topical dosage forms.
524.1600a Nystatin, neomycin, thiostrepton, and triamcinolone acetonide ointment.
524.1600b Nystatin, neomycin, thiostrepton, and triamcinolone acetonide ophthalmic ointment.
524.1662 Oxytetracycline hydrochloride ophthalmic and topical dosage forms.
524.1662a Oxytetracycline hydrochloride and hydrocortisone spray.
524.1662b Oxytetracycline hydrochloride, polymyxin B sulfate ophthalmic ointment.
524.1742 *N*-(Mercaptomethyl) phthalimide *S*-(*O,O*-dimethyl phosphorodithioate) emulsifiable liquid.
524.1880 Prednisolone-neomycin sulfate ophthalmic ointment.
524.1881 Prednisolone acetate ophthalmic and topical dosage forms.
524.1881a [Reserved]
524.1881b Prednisolone acetate-neomycin sulfate sterile suspension.
524.1883 Prednisolone sodium phosphate-neomycin sulfate ophthalmic ointment.
524.1982 Proparacaine hydrochloride ophthalmic solution.
524.2098 Selamectin.
524.2101 Selenium disulfide suspension.
524.2350 Tolnaftate cream.
524.2481 Triamcinolone acetonide cream.
524.2482 Triamcinolone spray.
524.2620 Liquid crystalline trypsin, Peru balsam, castor oil.

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SOURCE: 40 FR 13873, Mar. 27, 1975, unless otherwise noted.

§ 524.86 Amitraz liquid.

(a) *Specifications.* Amitraz liquid contains 19.9 percent amitraz in an organic solvent.

(b) *Sponsor.* See No. 000009 in § 510.600(c) of this chapter.

(c) *Conditions of use—(1) Indications for use.* For dogs for the treatment of generalized demodicosis (*Demodex canis*).

(2) *Amount.* One 10.6 milliliter bottle per 2 gallons of warm water (250 parts per million) for each treatment, for a total of 3 to 6 treatments, 14 days apart.

(3) *Limitations.* Continue treatment until no viable mites are found in skin scrapings at 2 successive treatments, or until 6 treatments have been applied. Do not use for treatment of localized demodicosis or scabies. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[47 FR 18589, Apr. 30, 1982]

§ 524.154 Bacitracin or bacitracin zinc-neomycin sulfate-polymyxin B sulfate ophthalmic ointment.

(a) *Sponsor.* To firms identified in § 510.600(c) of this chapter as follows:

(1) To 000009; each gram contains 500 units of bacitracin, 3.5 milligrams of neomycin, and 10,000 units of polymyxin B.

(2) To 000061 and 025463; each gram contains 400 units of bacitracin zinc, 3.5 milligrams of neomycin, and 10,000 units of polymyxin B sulfate.

(b) *Conditions of use. Dogs and Cats.* (1) *Amount.* Apply a thin film over the cornea 3 or 4 times daily.

(2) *Indications for use.* Treatment of superficial bacterial infections of the eyelid and conjunctiva of dogs and cats when due to susceptible organisms.

(3) *Limitations.* Laboratory tests should be conducted including in vitro culturing and susceptibility tests on samples collected prior to treatment. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[57 FR 37333, Aug. 18, 1992, as amended at 61 FR 8873, Mar. 6, 1996; 62 FR 61625, Nov. 19, 1997]

§ 524.155 Bacitracin zinc-polymyxin B sulfate-neomycin sulfate-hydrocortisone or hydrocortisone acetate ophthalmic ointment.

(a) *Sponsor.* To firms identified in § 510.600(c) of this chapter as follows:

(1) To 000061; each gram of ointment contains 400 units of bacitracin zinc, 10,000 units of polymyxin B sulfate, 5 milligrams of neomycin sulfate (equivalent to 3.5 milligrams of neomycin base), and 10 milligrams of hydrocortisone.

(2) To 025463; each gram of ointment contains 400 units of bacitracin zinc, 10,000 units of polymyxin B sulfate, 5 milligrams of neomycin sulfate (equivalent to 3.5 milligrams of neomycin base), and 10 milligrams of hydrocortisone acetate.

(b) *Conditions of use. Dogs and cats.* (1) *Amount.* Apply a thin film over the cornea three or four times daily.

(2) *Indications for use.* For treating acute or chronic conjunctivitis caused by susceptible organisms.

(3) *Limitations.* All topical ophthalmic preparations containing corticosteroids with or without an antimicrobial agent are contraindicated in the initial treatment of corneal ulcers. They should not be used until the infection is under control and corneal regeneration is well underway. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[57 FR 37333, Aug. 18, 1992, as amended at 61 FR 8873, Mar. 6, 1996; 62 FR 61626, Nov. 19, 1997]

§ 524.390 Chloramphenicol ophthalmic and topical dosage forms.

§ 524.390a Chloramphenicol ophthalmic ointment.

(a) *Specifications.* Each gram contains 10 milligrams chloramphenicol in a petrolatum base.

(b) *Sponsor.* See Nos. 000856 and 025463 in § 510.600(c) of this chapter for use as in paragraph (c)(1)(i) of this section. See No. 017030 for use as in paragraph (c)(1)(ii) of this section.

(c) *Conditions of use. Dogs and cats.* (1) *Amount.* Apply as follows:

(i) Every 3 hours around the clock for 48 hours after which night instillations may be omitted.

(ii) Four to six times daily to affected eye for the first 72 hours depending upon the severity of the condition. A small amount of ointment should be placed in the lower conjunctival sac.

(2) *Indications for use.* Treatment of bacterial conjunctivitis caused by