

(c) *Conditions of use.* (1) The drug is used in horses, wild deer, elk, dogs, and cats to produce sedation, as an analgesic, and a preanesthetic to local anesthesia. It may also be used in horses, dogs, and cats as a preanesthetic to general anesthesia.

(2) It is administered as follows:

(i) To horses from a solution containing 100 milligrams of xylazine per milliliter, intravenously at 0.5 milligram per pound of body weight, or intramuscularly at 1.0 milligram per pound of body weight.

(ii) To dogs and cats from a solution containing 20 milligrams of xylazine per milliliter; intravenously at 0.5 milligram per pound of body weight or intramuscularly or subcutaneously at 1.0 milligram per pound of body weight. In dogs over 50 pounds, a dosage of 0.5 mg. per pound administered intramuscularly may provide sufficient sedation and/or analgesia for most procedures.

(iii) To wild deer and elk from a solution containing 100 milligrams of xylazine (as xylazine hydrochloride) per milliliter, intramuscularly, by hand syringe or syringe dart, in the heavy muscles of the croup or shoulder as follows:

(a) Fallow deer, 2 to 4 milligrams per pound.

(b) Mule deer, sika deer, and white deer, 1 to 2 milligrams per pound.

(c) Elk, 0.25 to 0.5 milligram per pound.

(3) Not to be administered to food-producing animals.

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

[40 FR 13858, Mar. 27, 1975, as amended at 41 FR 24884, June 21, 1976; 41 FR 28265, July 9, 1976; 53 FR 4848, Feb. 18, 1988; 53 FR 23608, June 23, 1988; 53 FR 40728, Oct. 18, 1988; 55 FR 18724, May 4, 1990; 55 FR 32616, Aug. 10, 1990; 59 FR 14367, Mar. 28, 1994; 60 FR 33110, June 27, 1995; 60 FR 35122 and 35123, July 6, 1995; 61 FR 46548, Sept. 4, 1996; 62 FR 35077, June 30, 1997]

§ 522.2670 Yohimbine injectable.

(a) *Specifications.* Each milliliter of sterile aqueous solution contains either 2 or 5 milligrams of yohimbine (as hydrochloride).

(b) *Sponsor.* See 061690 in § 510.600(c) of this chapter for use of 2 milligrams per milliliter solution in dogs.

(1) *Amount.* 0.05 milligram per pound (0.11 milligram per kilogram) of body weight.

(2) *Indications for use.* To reverse the effects of xylazine in dogs.

(3) *Limitations.* For intravenous use in dogs only. Not for use in food-producing animals. Safety of use in pregnant dogs or in dogs intended for breeding has not been established. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(c) *Sponsor.* See 053923 in § 510.600(c) of this chapter for use of 5 milligrams per milliliter solution in deer and elk.

(1) *Amount.* 0.2 to 0.3 milligram per kilogram of body weight.

(2) *Indications for use.* As an antagonist to xylazine sedation in free ranging or confined members of the family Cervidae (deer and elk).

(3) *Limitations.* For intravenous use only. Do not use in domestic food-producing animals. Do not use for 30 days before or during hunting season. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[58 FR 8543, Feb. 16, 1993, as amended at 60 FR 57832, Nov. 22, 1995]

§ 522.2680 Zeranol.

(a) *Specifications.* Each pellet contains 12 milligrams of 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.* For use as a subcutaneous ear implant as follows:

(1) *Beef cattle*—(i) *Amount.* 36 milligrams (three 12-milligram pellets) per animal.

(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 milligrams (1 pellet) per animal.

(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*—(i) *Amount*. 72 milligrams (six 12-milligram pellets) per animal.

(ii) *Indications for use*. For increased rate of weight gain in steers fed in confinement for slaughter.

(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]

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.

524.321 Cephalonium, polymyxin B sulfate, flumethasone, iodochlorhydroxyquin, piperocaine hydrochloride topical-otic ointment.

524.390 Chloramphenicol ophthalmic and topical dosage forms.

524.390a Chloramphenicol ophthalmic ointment.

524.390b Chloramphenicol ophthalmic solution.

524.390c Chloramphenicol-prednisolone-tetracaine-squalane topical suspension.

524.390d Chloramphenicol-prednisolone ophthalmic ointment.

524.402 Chlorhexidine diacetate ointment.

524.450 Clotrimazole cream.

524.463 Copper naphthenate solution.

524.520 Cuprimyxin cream.

524.575 Cyclosporin ophthalmic ointment.

524.660 Dimethyl sulfoxide ophthalmic and topical dosage forms.

524.660a Dimethyl sulfoxide solution.

524.660b Dimethyl sulfoxide gel.

524.770 Doramectin.

524.814 Eprinomectin.

524.900 Famphur.

524.920 Fenthion.

524.960 Flumethasone, neomycin sulfate, and polymyxin B sulfate ophthalmic solution.

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.

524.1193 Ivermectin pour-on.

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.

524.1451 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.

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]