§522.1193  

Trichostrongylus axei, large mouth stomach worms (adult) (Habronema muscae), neck threadworms (microfilariae) (Onchocerca spp.), and stomach bots (Gastrophilus spp.).

(iii) Limitations. Not for use in horses intended for human consumption. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(2) Cattle—(1) Amount. 200 μg/kg of body weight by subcutaneous injection.

(ii) Indications for use. For the treatment and control of gastrointestinal nematodes (adults and fourth-stage larvae) (Haemonchus placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus, Nematodirus battus, N. spathiger, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum; lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparous); grubs (parasitic stages) (Hypoderma bovis, H. lineatum, sucking lice (Linognathus vituli, Haematopinus eurysternus, Solenopotes capillatus); mites (scabies) (Psoroptes ovis (syn. P. communis var. bovis), Sarcoptes scabiei var. bovis). For control of infections and to protect from reinfection with D. viviparous and O. radiatum for 28 days after treatment; O. ostertagi, T. axei, and C. punctata for 21 days after treatment; H. placei and C. oncophora for 14 days after treatment.

(iii) Limitations. Do not treat cattle within 35 days of slaughter. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

(3) Swine—(1) Amount. 300 μg/kg of body weight by subcutaneous injection.

(i) Indications for use. For the treatment and control of gastrointestinal roundworms (adults and fourth-stage larvae) (large roundworm, Ascaris suum; red stomach worm, Hysterodytes rubidus; nodular worm, Oesophagostomum spp.; threadworm, Strongyloides ransomi (adults only)); somatic roundworm larvae (threadworm, S. ransomi (somatic larvae)); lungworms (Metastrongylus spp. (adults only)); lice (H. suis); and mites (S. scabiei var. suis).

(ii) Limitations. Do not treat swine within 18 days of slaughter.

(4) American bison—(1) Amount. 200 μg/kg of body weight by subcutaneous injection.

(i) Indications for use. For the treatment and control of grubs (H. bovis).

(ii) Limitations. Do not use in calves to be processed for veal and control of ear mites (Otodectes cynotis).

(5) Reindeer—(1) Amount. 200 μg/kg of body weight by subcutaneous injection. Repeat in 3 weeks.

(ii) Indications for use. For treatment and control of ear mites (Otodectes cynotis).

(6) Ranch-raised foxes—(1) Amount. 200 μg/kg of body weight by subcutaneous injection. Repeat in 3 weeks.

§522.1193 Ivermectin and clorsulon.

(a) Specifications. Each milliliter (mL) of solution contains 10 milligrams (mg) (1 percent) ivermectin and 100 mg (10 percent) clorsulon.

(b) Sponsors. See Nos. 050604, 055529, and 058005 in §510.600(c) of this chapter.

(c) Related tolerances. See §§556.163 and 556.344 of this chapter.

(d) Special considerations. See §500.25 of this chapter.

(e) Conditions of use in cattle—(1) Amount. Administer 1 mL (10 mg ivermectin and 100 mg clorsulon) per 50 kilograms (110 pounds) by subcutaneous injection.

(2) Indications for use. For the treatment and control of gastrointestinal nematodes (adults and fourth-stage larvae) (Haemonchus placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum; lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparous); liver flukes (adults only) (Fasciola hepatica); grubs (Metastrongylus spp. (adults only)); lice (H. suis); and mites (S. scabiei var. suis).

(3) Amount. 200 μg/kg of body weight by subcutaneous injection.

(i) Indications for use. For the treatment and control of gastrointestinal nematodes (adults and fourth-stage larvae) (Habronema muscae) (adults only), neck threadworms (microfilariae) (Onchocerca spp.), and stomach bots (Gastrophilus spp.).
(parasitic stages) \( \text{Hypoderma bovis, H. lineatum} \); lice \( \text{Linognathus vituli, Haematopinus eurysternus, Solenopotes capillatus} \); mites \( \text{Psoroptes ovis (syn. P. communis var. bovis), Sarcoptes scabiei var. bovis} \); and for control of infections of \( D. viviparus \) and \( O. radiatum \) for 28 days after treatment; \( O. ostertagi, T. axei, \) and \( C. punctata \) for 21 days after treatment; and \( H. placei \) and \( C. oncophora \) for 14 days after treatment.

(3) Limitations. For subcutaneous use only. Not for intravenous or intramuscular use. Do not treat cattle within 49 days of slaughter. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age. Do not use in other animal species because severe adverse reactions, including fatalities in dogs, may result. A withdrawal period has not been established for this product in preruminating calves. Do not use in calves to be processed for veal.

§ 522.1204 Kanamycin.

(a) Specifications. Each milliliter of solution contains 50 or 200 milligrams (mg) of kanamycin as kanamycin sulfate.

(b) Sponsor. See No. 054771 in § 510.600(c) of this chapter.

(c) Conditions of use in dogs and cats—

(1) Amount. Administer by subcutaneous or intramuscular injection 5 mg per pound of body weight per day in equally divided doses at 12-hour intervals.

(2) Indications for use. For the treatment of bacterial infections due to kanamycin sensitive organisms in dogs and cats.

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

[79 FR 16190, Mar. 25, 2014]

§ 522.1222 Ketamine.

(a) Specifications. Each milliliter contains ketamine hydrochloride equivalent to 100 milligrams (mg) ketamine base activity.

(b) Sponsors. See Nos. 000859, 026637, 054628, 054771, 061690, and 063286 in § 510.600(c) of this chapter.

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

(d) Conditions of use—

(1) Cats—

(i) Amount. 5 to 15 mg/pound body weight intramuscularly, depending on the effect desired.

(ii) Indications for use. For restraint or as the sole anesthetic agent in diagnostic or minor, brief surgical procedures that do not require skeletal muscle relaxation.

(ii) Subhuman primates—

(i) Amount. 3 to 15 mg/kilogram body weight intramuscularly, depending upon the species, general condition, and age of the subject.

(i) Indications for use. For restraint.


§ 522.1223 Ketamine, promazine, and aminopentamide.

(a) Specifications. Each milliliter of solution contains ketamine hydrochloride equivalent to 100 milligrams (mg) ketamine base activity, 7.5 (mg) of promazine hydrochloride, and 0.0625 mg of aminopentamide hydrogen sulfate.

(b) Sponsor. See No. 054771 in § 510.600(c) of this chapter.

(c) Conditions of use in cats—

(1) Amount. Administer by intramuscular injection 15 to 20 mg ketamine base per pound of body weight, depending on the effect desired.

(2) Indications for use. It is used in cats as the sole anesthetic agent for ovariohysterectomy and general surgery.

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

[79 FR 16191, Mar. 25, 2014]

§ 522.1225 Ketoprofen.

(a) Specifications. Each milliliter of solution contains 100 milligrams (mg) of ketoprofen.

(b) Sponsor. See No. 054771 in § 510.600(c) of this chapter.