§ 522.380 Chloral hydrate, pentobarbital, and magnesium sulfate.

(a) Specifications. Each milliliter of solution contains 42.5 milligrams (mg) of chloral hydrate, 8.86 mg of pentobarbital, and 21.2 mg of magnesium sulfate.

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

(c) Conditions of use—(1) Amount. For general anesthesia: Administer 20 to 50 milliliters per 100 pounds of body weight by intravenous injection until the desired effect is produced. Cattle usually require a lower dosage on the basis of body weight. As a sedative-relaxant: Administer at a level of one-fourth to one-half of the anesthetic dosage level.

(2) Indications for use. For general anesthesia and as a sedative-relaxant in cattle and horses.

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

§ 522.390 Chloramphenicol.

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

(b) Sponsor. See Nos. 000859 and 054771 in § 510.600(c) of this chapter.

(c) Conditions of use—(1) Amount. 5 to 15 milligrams per pound of body weight, intramuscularly or intravenously, every 6 hours. In severe infections, use 4 to 6 hour treatment intervals the first day. If no response is obtained in 3 to 5 days, discontinue use and reevaluate diagnosis.

(2) Indications for use. Treatment of infections of the respiratory tract, the urinary tract, and enteritis and tonsilitis caused by organisms susceptible to chloramphenicol.

(3) Limitations. Federal law restricts this drug to use by or on the order of a licensed veterinarian. Federal law prohibits the extralabel use of this drug in food-producing animals.

§ 522.460 Cloprostenol.

(a) Specifications. Each milliliter of solution contains cloprostenol sodium equivalent to:

(1) 125 micrograms (μg) of cloprostenol; or

(2) 250 μg of cloprostenol.

(b) Sponsors. See sponsors in § 510.600(c) of this chapter.

(1) No. 000061 for use of product described in paragraph (a)(1) of this section as in paragraphs (c)(1)(i) and (c)(2) of this section.

(2) Nos. 000061 and 068504 for use of product described in paragraph (a)(2) as in paragraphs (c)(1)(ii), (c)(1)(iii), and (c)(2) of this section.

(c) Conditions of use in cattle—(1) Amount and indications for use—(i) Administer 375 μg by intramuscular injection to induce abortion in pregnant feedlot heifers from 1 week after mating until 4 1/2 months of gestation.

(ii) Administer 500 μg by intramuscular injection for terminating unwanted pregnancies from mismatings from 1 week after mating until 5 months after conception; for treating unobserved (nondetected) estrus, mummified fetus, and luteal cysts; and for the treatment of pyometra.

(iii) Administer 500 μg by intramuscular injection as a single injection regimen or double injection regimen with a second injection 11 days after the first, for scheduling estrus and ovulation to control the time at which cycling cows or heifers can be bred.

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