§ 522.246 Butorphanol tartrate injection.

(a) Specifications. Each milliliter of aqueous solution contains either 0.5, 2 or 10 milligrams of butorphanol (as butorphanol tartrate).

(b) Sponsor. See No. 000856 in §510.600(c) of this chapter.

(c) Conditions of use—

(i) Dogs—

(A) Amount. 0.025 milligram of butorphanol base activity per pound of body weight (equivalent to 0.5 milliliter per 10 pounds), using 0.5 milligram per milliliter solution.

(B) Indications for use. For the relief of chronic nonproductive cough associated with tracheo-bronchitis, tracheitis, tonsillitis, laryngitis, and pharyngitis associated with inflammatory conditions of the upper respiratory tract.

(C) Limitations. For subcutaneous injection in dogs only. Repeat at intervals of 6 to 12 hours as required. If necessary, increase dose to maximum of 0.05 milligram per pound of body weight. Treatment should not normally be required for longer than 7 days. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(ii) Horses—

(A) Amount. 0.05 milligram of butorphanol base activity per pound of body weight (0.1 milligram/kilogram) using 10 milligrams per milliliter solution.

(B) Indications for use. For the relief of pain associated with colic and postpartum pain in adult horses and yearlings.

(C) Limitations. For intravenous use in horses only. Dose may be repeated

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(b) Sponsor. See No. 000856 in §510.600(c) of this chapter.

(c) Conditions of use—

(i) Dogs—

(A) Amount. 0.025 milligram of butorphanol base activity per pound of body weight (equivalent to 0.5 milliliter per 10 pounds), using 0.5 milligram per milliliter solution.

(B) Indications for use. For the relief of chronic nonproductive cough associated with tracheo-bronchitis, tracheitis, tonsillitis, laryngitis, and pharyngitis associated with inflammatory conditions of the upper respiratory tract.

(C) Limitations. For subcutaneous injection in dogs only. Repeat at intervals of 6 to 12 hours as required. If necessary, increase dose to maximum of 0.05 milligram per pound of body weight. Treatment should not normally be required for longer than 7 days. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(ii) Horses—

(A) Amount. 0.05 milligram of butorphanol base activity per pound of body weight (0.1 milligram/kilogram) using 10 milligrams per milliliter solution.

(B) Indications for use. For the relief of pain associated with colic and postpartum pain in adult horses and yearlings.

(C) Limitations. For intravenous use in horses only. Dose may be repeated
§ 522.281 Calcium disodium edetate injection.

(a) Specifications. Calcium disodium edetate injection contains 6.6-percent calcium disodium edetate in purified water.

(b) Sponsor. See No. 000859 in §510.600(c) of this chapter.

(c) Conditions of use. (1) It is used as an aid in the treatment of acute lead poisoning in horses.\(^1\)

(2) It is administered by slow intravenous injection at the rate of 1 milliliter per 2 pounds of body weight daily. It is best administered in divided doses 2 to 3 times daily and continued for 3 to 5 days. If additional treatment is indicated, a 2-day rest period is recommended which may be followed by another 3- to 5-day period of therapy.\(^1\)

(3) Do not use in horses intended for food purposes.\(^1\)

(4) Federal law restricts this drug to use by or on the order of a licensed veterinarian.\(^1\)

\(^1\)These conditions of use are NAS/NRC reviewed and deemed effective. Applications for these uses need not include effectiveness data as specified by §514.111 of this chapter.

§ 522.281 Carfentanil citrate injection.

(a) Specifications. Each milliliter of sterile aqueous solution contains 3 milligrams of carfentanil citrate.

(b) Sponsor. See No. 053923 in §510.600(c) of this chapter.

(c) Conditions of use. (1) Amount. 5 to 20 micrograms per kilogram (.005 to .020 milligram per kilogram) of body weight.

(2) Indications for use. For immobilizing free ranging and confined members of the family Cervidae (deer, elk, and moose).

(3) Limitations. Inject into large muscle of neck, shoulder, back, or hindquarter. Avoid intrathoracic, intra-abdominal, or subcutaneous injection. To reverse effect, use 7 milligrams of diprenorphine for each milligram of carfentanil citrate, given intravenously or one-half intravenously and one-half intramuscularly or subcutaneously. Do not use in domestic animals intended for food. Do not use 30 days before or during hunting season. Do not use in animals that display clinical signs of severe cardiovascular or respiratory disease. Available data are inadequate to recommend use in pregnant animals. Avoid use during breeding season. Federal law restricts this drug to use by or on the order of a licensed veterinarian. The licensed veterinarian shall be a veterinarian engaged in zoo and exotic animal practice, wildlife management programs, or research.

\(^1\)[53 FR 40057, Oct. 13, 1988]

§ 522.313 Ceftiofur sterile powder for injection.

(a) Specifications. Ceftiofur sodium sterile powder for injection is reconstituted to form an aqueous solution containing the equivalent of 50 milligrams ceftiofur per milliliter.

(b) Sponsor. See 000009 in §510.600 of this chapter.

(c) Related tolerances. See §556.113 of this chapter.

(d) Conditions of use. (1) Cattle—(i) Amount. 0.5 to 1.0 milligram of ceftiofur per pound of body weight intramuscularly.

(ii) Indications for use. Treatment of bovine respiratory disease (shipping fever, pneumonia) associated with...