§ 522.850 Estradiol valerate and norgestomet in combination.

(a) Specifications. The product is a two-component drug consisting of the following:
(1) An implant containing 6.0 milligrams of norgestomet.
(2) An injectable solution (sesame oil) containing 3.0 milligrams of norgestomet and 5.0 milligrams of estradiol valerate per 2 milliliters.
(b) Sponsor. See 050604 in § 510.600(c) of this chapter.
(c) Conditions of use—(1) Amount. One implant and 2 milliliters of injection at time of implantation.
(2) Indications for use. For synchronization of estrus/ovulation in cycling beef cattle and non-lactating dairy heifers.
(3) Limitations. Insert implant subcutaneously in the ear only; then immediately inject solution intramuscularly only. Counting the day of implantation as day 1, remove the implant on day 10. Collect all implants as they are removed and burn them. While animals are restrained for artificial insemination, avoid other treatments such as vaccinations, dippings, pour-on grub and louse prevention, spraying, etc. When inseminating without estrus detection, the entire treated group should be started at 48 hours after the last implant has been removed and should be completed within 6 hours. Where estrus detection is performed, insemination should be approximately 12 hours after first detection of estrus. Those that do not conceive can be re-bred when they return to estrus approximately 17 to 25 days after implant removal. Do not use in cows producing milk for human consumption.

§ 522.863 Ethylisobutrazine hydrochloride injection.

(a) Specifications. The drug is a sterile aqueous solution. Each milliliter contains 50 milligrams of ethylisobutrazine hydrochloride.
(b) Sponsor. See No. 000061 in § 510.600(c) of this chapter.
(c) Conditions of use. (1) It is used in dogs as a tranquilizer. It is administered intramuscularly at a dosage level of 2 to 5 milligrams of ethylisobutrazine hydrochloride per pound of body weight to effect. (2) It is not to be used in conjunction with organophosphates and/or procaine hydrochloride because phenothiazines may potentiate the toxicity of organophosphates and the activity of procaine hydrochloride.

§ 522.870 Etodolac.

(a) Specifications. Each milliliter contains 100 milligrams (mg) etodolac.
(b) Sponsor. See No. 000010 in § 510.600 of this chapter.
(c) Conditions of use in dogs—(1) Amount. Administer 4.5 to 6.8 mg/pound (10 to 15 mg/kilogram) body weight as a single, dorsoscapular subcutaneous injection. If needed, the daily dose of etodolac tablets as in § 520.870 of this chapter may be given 24 hours after the injection.
(2) Indications for use. For the control of pain and inflammation associated with osteoarthritis.
(3) Limitations. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

§ 522.883 Etorphine hydrochloride injection.

(a) Chemical name. 6,7,8,14-tetrahydro-alpha-methyl-alpha-propyl-6,14-endo-ethenooripavine-alpha-methanol hydrochloride.

These conditions are NAS/NRC reviewed and deemed effective. Applications for these uses need not include effectiveness data as specified by § 514.111 of this chapter, but may require bioequivalency and safety information.
§ 522.900 Euthanasia solution.

(a) Specifications. Each milliliter (mL) of solution contains:

(1) 390 milligrams (mg) of pentobarbital sodium and 50 mg phenytoin sodium.

(2) 400 mg secobarbital sodium and 25 mg dibucaine hydrochloride.

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

(1) Nos. 000061, 051311, and 054925 for use of product described in paragraph (a)(1) of this section.

(2) No. 000856 for use of product described in paragraph (a)(2) of this section.

(c) Special considerations. Product labeling shall bear the following warning statements: “ENVIRONMENTAL HAZARD: This product is toxic to wildlife. Birds and mammals feeding on treated animals may be killed. Euthanized animals must be properly disposed of by deep burial, incineration, or other method in compliance with state and local laws, to prevent consumption of carcass material by scavenging wildlife.”

(d) Conditions of use in dogs—(1) Indications for use. For humane, painless, and rapid euthanasia.

(2) Amount. One mL per 10 pounds of body weight.

(3) Limitations. Do not use in animals intended for food. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

§ 522.914 Fenprostalene solution.

(a) Specifications—(1) Cattle. Each milliliter of sterile solution contains 0.5 milligram of fenprostalene.

(2) Swine. Each milliliter of sterile solution contains 0.25 milligram of fenprostalene.

(b) Sponsor. See 000856 in §510.600(c) of this chapter.

(c) Related tolerances. See §556.277 of this chapter.

(d) Special considerations. Labeling shall bear the following statements: Women of childbearing age, asthmatics, and persons with bronchial and other respiratory problems should exercise extreme caution when handling this product. It is readily absorbed through the skin and may cause abortion and/or bronchospasms. Accidental spillage on the skin should be washed off immediately with soap and water.

(e) Conditions of use—(1) Cattle—(i) Amount. 1 milligram (2 milliliters) subcutaneously per animal.

(ii) Indications for use. For feedlot heifers to induce abortion when pregnant 150 days or less. For beef or nonlactating dairy cattle for estrus synchronization.

(iii) Limitations. Subcutaneous use in cattle only. Feedlot heifers to induce abortion, single dose. Beef or nonlactating dairy cattle for estrus synchronization, a single dose or two doses 11 to 13 days apart. Do not use in pregnant animals unless abortion is desired. Federal law restricts this drug to use by or on the order of a licensed veterinarian.