§ 522.2640 Tylosin.

(a) Specifications. Each milliliter of sterile solution of 50 percent propylene glycol with 4 percent benzyl alcohol contains 50 to 200 milligrams of tylosin activity (as tylosin base). Tylosin conforms to the appropriate antibiotic standard. Tylosin contains at least 95 percent tylosin as a combination of tylosin A, tylosin B, tylosin C, and tylosin D of which at least 80 percent is tylosin A as determined by a method entitled “Determination of Factor Content in Tylosin by High Performance Liquid Chromatography,” which is incorporated by reference. Copies are available from the Division of Dockets Management (HFA–305), Food and Drug Administration, 5630 Fishers Lane, rm. 1061, Rockville, MD 20852, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(b) Sponsors. (1) See No. 000986 in § 510.600(c) of this chapter for use in paragraphs (e)(1), (2), and (3) of this section.

(2) See No. 000010 in § 510.600(c) of this chapter for use as in paragraphs (e)(1) and (2) of this section.

(c) [Reserved]

(d) Related tolerances. See § 556.740 of this chapter.

(e) Conditions of use—(1) Beef cattle and nonlactating dairy cattle—(i) Amount. 8 milligrams per pound of body weight once daily.

(ii) Indications for use. Treatment of bovine respiratory complex (shipping fever, pneumonia) usually associated with Pasteurella multocida and Arcanobacterium pyogenes; foot rot (necrotic pododermatitis) and calf diphtheria caused by Fusobacterium necrophorum and metritis caused by Arcanobacterium pyogenes.

(iii) Limitations. Administer intramuscularly for not more than 5 consecutive days. Continue treatment 24 hours after symptoms disappear. Do not inject more than 10 milliliters per site. Do not use in lactating dairy cattle. Use a 50-milligram-per-milliliter solution for calves weighing less than 200 pounds. Do not administer within 21 days of slaughter. A withdrawal period has not been established for this product in preruminating calves. Do not use in calves to be processed for veal.

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single subcutaneous injection in the neck.

(ii) Indications for use. For the treatment of bovine respiratory disease (BRD) associated with Mannheimia haemolytica, Pasteurella multocida, Histophilus somni, and Mycoplasma bovis. For the control of respiratory disease in cattle at high risk of developing BRD associated with M. haemolytica, P. multocida, H. somni, and M. bovis. For the treatment of infectious bovine keratoconjunctivitis associated with Moraxella bovis. For the treatment of bovine foot rot (interdigital necrobacillosis) associated with Fusobacterium necrophorum and Porphyromonas levii.

(iii) Limitations. Cattle intended for human consumption must not be slaughtered within 18 days from the last treatment. Do not use in female dairy cattle 20 months of age or older. A withdrawal period has not been established for this product in preruminating calves. Do not use in female calves to be processed for veal. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(2) Swine—(i) Amount. 2.5 mg/kg body weight as a single intramuscular injection in the neck.

(ii) Indications for use. For the treatment of swine respiratory disease (SRD) associated with Actinobacillus pleuropneumoniae, P. multocida, Bordetella bronchiseptica, Haemophilus parasuis, and Mycoplasma hyopneumoniae; and for the control of SRD associated with A. pleuropneumoniae, P. multocida, and M. hyopneumoniae in groups of pigs where SRD has been diagnosed.

(iii) Limitations. Swine intended for human consumption must not be slaughtered within 5 days from the last treatment. Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Food and Drug Administration, HHS

§ 522.2662 Xylazine.

(a) Specifications. Each milliliter (mL) of solution contains xylazine hydrochloride equivalent to:

(1) 20 milligrams (mg) xylazine.
(2) 100 mg xylazine.
(3) 300 mg xylazine.

(b) Sponsors. See sponsors in § 510.600(c) of this chapter for uses as in paragraph (d) of this section.

(1) No. 000010 for use of product described in paragraph (a)(2) of this section as in paragraph (d)(2) of this section.
(2) No. 000010 for use of product described in paragraph (a)(2) of this section as in paragraphs (d)(2), (d)(3)(i), (d)(3)(ii)(A), and (d)(3)(iii) of this section.
(3) Nos. 000859 and 061651 for use of product described in paragraph (a)(1) of this section as in paragraph (d)(1); and product described in paragraph (a)(2) of this section as in paragraphs (d)(2), (d)(3)(i), (d)(3)(ii)(A), and (d)(3)(iii) of this section.
(4) No. 061690 for use of product described in paragraph (a)(1) of this section as in paragraph (d)(1) of this section; product described in paragraph (a)(2) of this section as in paragraphs (d)(2), (d)(3)(i), (d)(3)(ii)(A), and (d)(3)(iii) of this section; and product described in paragraph (a)(3) of this section as in paragraphs (d)(3)(i), (d)(3)(ii)(B), and (d)(3)(iii) of this section.

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

(d) Conditions of use—(1) Dogs and cats—(i) Amount. 0.5 mg/pound (lb) intravenously or 1.0 mg/lb subcutaneously.
(ii) Indications for use. To produce sedation, as an analgesic, and as a preanesthetic to local or general anesthesia.

(2) Horses—(i) Amount. 0.5 mg/lb intravenously or 1.0 mg/lb intramuscularly.
(ii) Indications for use. To produce sedation, as an analgesic, and as a preanesthetic to local or general anesthesia.

(iii) Limitations. Not for use in horses intended for food.

(3) Elk and deer—(i) Amount. Administer intramuscularly, by hand syringe,