

trichlorfon per 100 pounds of body weight sprinkled on the animals' usual daily ration of feed, or may be mixed in 5 to 10 fluid ounces of water and administered by stomach tube or drench.

(2) *Indications for use.* For the treatment and control of bots (*Gasterophilus* spp.), large strongyles (*Strongylus* spp.), small strongyles (genera *Cyathostomum*, *Cylicobrachytus*, *Craterostomum*, *Oesophagodontus*, *Poteriostomum*), pinworms (*Oxyuris* spp., *Strongyloides* spp.), and ascarids (*Parascaris* spp.).

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

[40 FR 23071, May 28, 1975, as amended at 48 FR 48229, Oct. 18, 1983; 79 FR 28832, May 20, 2014. Redesignated at 84 FR 39183, Aug. 9, 2019. Redesignated at 88 FR 27699, May 3, 2023]

§ 520.2455 Tiamulin.

(a) *Specifications.* (1) Each gram of soluble powder contains 450 milligrams (mg) tiamulin hydrogen fumarate.

(2) Each milliliter (mL) of solution contains 125 mg (12.5 percent) tiamulin hydrogen fumarate.

(3) Each mL of solution contains 123 mg (12.3 percent) tiamulin hydrogen fumarate.

(b) *Sponsors.* See sponsor numbers in § 510.600(c) of this chapter for use as in paragraph (d) of this section.

(1) No. 058198 for products described in paragraph (a) of this section.

(2) No. 066104 for product described in paragraph (a)(1) of this section.

(3) Nos. 016592, 051072, 051311, and 061133 for product described in paragraph (a)(2) of this section.

(4) No. 054771 for product described in paragraph (a)(3) of this section.

(c) *Related tolerances.* See § 556.732 of this chapter.

(d) *Conditions of use in swine—(1) Amounts and indications for use.* Administer in drinking water for 5 consecutive days:

(i) 3.5 mg per (l) lb of body weight daily for treatment of swine dysentery associated with *Brachyspira hyodysenteriae* susceptible to tiamulin.

(ii) 10.5 mg/lb of body weight daily for treatment of swine pneumonia due to

Actinobacillus pleuropneumoniae susceptible to tiamulin.

(2) *Limitations.* Use as only source of drinking water. Prepare fresh medicated water daily. Withdraw medication 3 days before slaughter following treatment at 3.5 mg/lb and 7 days before slaughter following treatment at 10.5 mg/lb of body weight. Swine being treated with tiamulin should not have access to feeds containing polyether ionophores (e.g., lasalocid, monensin, narasin, salinomycin, or semduramicin) as adverse reactions may occur. The effects of tiamulin on swine reproductive performance, pregnancy, and lactation have not been determined.

[70 FR 75017, Dec. 19, 2005, as amended at 74 FR 7180, Feb. 13, 2009; 75 FR 54492, Sept. 8, 2010; 77 FR 56770, Sept. 14, 2012; 78 FR 17596, Mar. 22, 2013; 80 FR 13229, Mar. 13, 2015; 85 FR 18119, Apr. 1, 2020; 87 FR 17945, Mar. 29, 2022; 87 FR 58962, Sept. 29, 2022]

§ 520.2471 Tilmicosin.

(a) *Specifications.* Each milliliter of concentrate solution contains 250 milligrams (mg) tilmicosin as tilmicosin phosphate.

(b) *Sponsors.* See Nos. 016592 and 058198 in § 510.600(c) of this chapter.

(c) *Tolerances.* See § 556.735 of this chapter.

(d) *Conditions of use in swine—(1) Amount.* Administer in drinking water at a concentration of 200 mg per liter for 5 consecutive days.

(2) *Indications for use.* (i) For the control of swine respiratory disease associated with *Pasteurella multocida* and *Haemophilus parasuis* in groups of swine in buildings where a respiratory disease outbreak is diagnosed.

(ii) For the control of swine respiratory disease associated with *Mycoplasma hyopneumoniae* in the presence of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in groups of swine in buildings where a respiratory disease outbreak is diagnosed.

(3) *Limitations.* Swine intended for human consumption must not be slaughtered within 7 days of the last treatment with this product. Federal

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law restricts this drug to use by or on the order of a licensed veterinarian.

[79 FR 18158, Apr. 1, 2014, as amended at 81 FR 17608, Mar. 30, 2016; 81 FR 48702, July 26, 2016; 87 FR 58962, Sept. 29, 2022]

§ 520.2473 Tioxidazole oral dosage forms.

§ 520.2473a Tioxidazole granules.

(a) *Specifications.* Each gram of granules contains 200 milligrams of tioxidazole.

(b) *Sponsor.* See No. 000061 in § 510.600(c) of this chapter.

(c) *Conditions of use—(1) Horses—(i) Amount.* 5 milligrams per pound of body weight as a single dose.

(ii) *Indications for use.* Removal of mature large strongyles (*Strongylus edentatus*, *S. equinus*, and *S. vulgaris*), mature ascarids (*Parascaris equorum*), mature and immature (4th larval stage) pinworms (*Oxyuris equi*), and mature small strongyles (*Triodontophorus* spp.).

(iii) *Limitations.* For administration with feed: Sprinkle required amount of granules on a small amount of the usual grain ration and mix. Prepare for each horse individually. Withholding of feed or water not necessary. Not for use in horses intended for food. The reproductive safety of tioxidazole in breeding animals has not been determined. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. It is recommended that this drug be administered with caution to sick or debilitated horses.

(2) [Reserved]

[50 FR 52772, Dec. 26, 1985; 51 FR 2693, Jan. 21, 1986, as amended at 52 FR 7832, Mar. 13, 1987]

§ 520.2473b Tioxidazole paste.

(a) *Specifications.* Each plastic syringe contains 6.25 grams of tioxidazole.

(b) *Sponsor.* See No. 000061 in § 510.600(c) of this chapter.

(c) *Conditions of use—(1) Horses—(i) Amount.* 5 milligrams of tioxidazole per pound of body weight as a single dose.

(ii) *Indications for use.* Removal of mature large strongyles (*Strongylus edentatus*, *S. equinus*, and *S. vulgaris*), mature ascarids (*Parascaris equorum*), mature and immature (4th larval stage) pinworms (*Oxyuris equi*), and ma-

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ture small strongyles (*Triodontophorus* spp.).

(iii) *Limitations.* Administer orally by inserting the nozzle of the syringe through the space between front and back teeth and deposit the required dose on the base of the tongue. Before dosing, make sure the horse's mouth contains no feed. Not for use in horses intended for food. The reproductive safety of tioxidazole in breeding animals has not been determined. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. It is recommended that this drug be administered with caution to sick or debilitated horses.

(2) [Reserved]

[52 FR 43059, Nov. 9, 1987]

§ 520.2475 Toceranib.

(a) *Specifications.* Each tablet contains 10, 15, or 50 milligrams (mg) toceranib as toceranib phosphate.

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

(c) *Conditions of use—(1) Dogs—(i) Amount.* Administer an initial dose of 3.25 mg per kilogram (1.48 mg per pound) body weight, orally every other day.

(ii) *Indications for use.* For the treatment of Patnaik grade II or III, recurrent, cutaneous mast cell tumors with or without regional lymph node involvement.

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

(2) [Reserved]

[74 FR 28875, June 18, 2009, as amended at 79 FR 28832, May 20, 2014]

§ 520.2520 Trichlorfon oral dosage forms.

§ 520.2520a Trichlorfon and atropine.

(a) *Specifications.* (1) For trichlorfon: O,O-Dimethyl 2,2,2-trichloro-1-hydroxyethyl phosphonate.

(2) For atropine: Atropine N.F.

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

(c) *Conditions of use in mice—(1) Amount.* Administer 1.67 grams of trichlorfon and 7.7 milligrams of atropine per liter continuously for 7 to 14 days as the sole source of drinking water.