(2) The cream is applied twice daily to affected areas by rubbing into lesions. Treatment should be continued for a few days after clinical recovery to avoid possible relapses.

(3) After application to cutaneous areas, a change in color from dark green to pink is due to the liberation of free myxin from its copper complex.

(4) If no response is seen within seven days, diagnosis and therapy should be reevaluated. If any adverse local reaction is observed after topical application, discontinue treatment.

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

§ 524.575 Cyclosporine ophthalmic ointment.

(a) Specifications. Each gram of ointment contains 2 milligrams of cyclosporine.

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

(c) Conditions of use—(1) Amount. Apply a 1/4-inch strip of ointment to the affected eye(s) every 12 hours.

(2) Indications for use. For management of chronic keratoconjunctivitis sicca (KCS) and chronic superficial keratitis (CSK) in dogs.

(3) Limitations. Place ointment directly on cornea or into the conjunctival sac. Safety of use in puppies, pregnant or breeding animals has not been determined. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

§ 524.590 Diclofenac.

(a) Specifications. Each gram of cream contains 10 milligrams diclofenac sodium.

(b) Sponsor. See No. 000010 in § 510.600(c) of this chapter.

(c) Conditions of use in horses—(1) Amount. Apply a 5-inch (5") ribbon of cream twice daily over the affected joint for up to 10 days and rub thoroughly into the hair covering the joint until it disappears.

(2) Indications for use in horses. For the control of pain and inflammation associated with osteoarthritis in tarsal, carpal, metacarpophalangeal, metatarsophalangeal, and proximal interphalangeal (hock, knee, fetlock and pastern) joints.

(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.

§ 524.660 Dimethyl sulfoxide ophthalmic and topical dosage forms.

§ 524.660a Dimethyl sulfoxide solution.

(a) Specifications. Dimethyl sulfoxide contains 90 percent of dimethyl sulfoxide and 10 percent of water.

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

(c) Conditions of use. (1) It is used or intended for use as a topical application to reduce acute swelling due to trauma:

(i) In horses administered 2 or 3 times daily in an amount not to exceed 100 milliliters per day. Total duration of therapy should not exceed 30 days.

(ii) In dogs administered 3 or 4 times daily in an amount not to exceed 20 milliliters per day. Total duration of therapy should not exceed 14 days.

(2) Not for use in horses and dogs intended for breeding purposes nor in horses slaughtered for food. Other topical medications should only be used when the dimethyl sulfoxide treated area is thoroughly dry. Do not administer by any other route.

(3) For use by or on the order of a licensed veterinarian.

§ 524.660b Dimethyl sulfoxide gel.

(a) Specifications. Dimethyl sulfoxide gel, veterinary contains 90 percent dimethyl sulfoxide in an aqueous gel.

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

(c) Conditions of use—(1) Indications for use. For use on horses and dogs as a topical application to reduce acute swelling due to trauma.

(2) Amount—(1) Horses. Administer 2 or 3 times daily in an amount not to
§ 524.770 Doramectin.

(a) Specifications. Each milliliter (mL) of solution contains 5 milligrams (mg) doramectin.

(b) Sponsor. See No. 000069 in § 510.600(c) of this chapter.

(c) Related tolerances. See § 556.225 of this chapter.

(d) Special considerations. See § 500.25 of this chapter.

(e) Conditions of use in cattle.—(1) Amount. Administer topically as a single dose 0.5 mg (1 mL) per kilogram (1 mL per 22 pounds) body weight.

(2) Indications for use. For treatment and control of gastrointestinal roundworms: Ostertagia ostertagi (adults and fourth-stage larvae), Ostertagia ostertagi (inhibited fourth-stage larvae), Ostertagia lyrata (adults), Haemonchus placei (adults and fourth-stage larvae), Trichostrongylus axei (adults and fourth-stage larvae), Trichostrongylus colubriformis (adults and fourth-stage larvae), Cooperia oncophora (adults and fourth-stage larvae), Cooperia punctata (adults and fourth-stage larvae), Cooperia pectinata (adults), Cooperia surinamensis (adults), Bunostomum phlebotomum (adults), Oesophagostomum radiatum (adults and fourth-stage larvae), Trichuris spp. (adults); lungworms: Dictyocaulus viviparous (adults and fourth-stage larvae); eye worms: Thelazia gulosa (adults), Thelazia skrjabini (adults); grubs: Hypoderma bovis and Hypoderma lineatum; sucking lice: Linognathus vituli, Haematoptinus eurysternus, and Solenoptes capillatus; biting lice: Bovicola (Damalinia) bovis; mange mites: Chorioptes bovis and Sarcoptes scabiei; horn flies: Haematobia irritans; and to control infections and to protect from reinfection with Cooperia oncophora, Dictyocaulus viviparous, Ostertagia ostertagi, and Oesophagostomum radiatum for 28 days; and with Cooperia punctata and Haemonchus placei for 35 days after treatment; and to control infestations and to protect from reinfection with Haemonchus vituli for 42 days and with Bovicola (Damalinia) bovis for 77 days after treatment.

(3) Limitations. Do not use in horses and dogs intended for breeding purposes or in horses slaughtered for food. Restricted to topical use on horses and dogs only. Due to rapid penetrating ability of dimethyl sulfoxide, rubber gloves should be worn when applying the drug. No other medications should be present on the skin prior to application of the drug. Federal law restricts this drug to use by or on the order of a licensed veterinarian.


§ 524.775 Emodepside and praziquantel.

(a) Specifications. Each milliliter of solution contains 21.4 milligrams (mg) emodepside and 85.7 mg praziquantel.

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

(c) Conditions of use in cats.—(1) Amount. The recommended minimum dose is 1.36 mg/pound (lb) (3 mg/kg) emodepside and 5.45 mg/lb (12 mg/kg) praziquantel applied as a single topical dose.

(2) Indications for use. For the treatment and control of hookworm infections caused by Ancylostoma tubaeforme (adults, immature adults, and fourth stage larvae), roundworm infections caused by Toxocara cati (adults and fourth stage larvae), and tapeworm infections caused by Dipylidium caninum (adults) and Taenia taeniaeformis (adults).

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

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