§ 520.1802c  
just before and/or after treatment. Resume regular feeding 4 to 6 hours after treatment. Treatment of debilitated or anemic animals is contraindicated. Do not administer to animals that are or were recently affected with colic, diarrhea, or infected with a serious infectious disease. As with most anthelmintics, drastic cathartics or other gastrointestinal irritants should not be administered in conjunction with this drug. Animals in poor condition or heavily parasitized should be given one half the recommended dose and treated again in 2 or 3 weeks. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

[45 FR 52782, Aug. 8, 1980]

§ 520.1802c  
Piperazine-carbon disulfide complex with phenothiazine suspension.

(a) Specifications. Each fluid ounce contains 5 grams of piperazine-carbon disulfide complex and 0.83 gram of phenothiazine.

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

(c) Conditions of use: Horses and ponies—(1) Amount. One fluid ounce per 100 pounds of body weight.

(2) Indications for use. For removing ascarids (large roundworms, *Parascaris equorum*), bots (*Gastrophilus* spp.), small strongyles, and large strongyles (*Strongylus* spp.).

(3) Limitations. See §520.1802a(c)(3).

[45 FR 52782, Aug. 8, 1980]

§ 520.1803  
Piperazine citrate capsules.

(a) Specifications. Piperazine citrate capsules contain piperazine citrate equivalent to 140 milligrams of piperazine base in each capsule.

(b) Sponsor. See No. 021091 in §510.600(c) of this chapter.

(c) Conditions of use. (1) It is used in dogs and cats for the removal of large roundworms (*Toxocara canis* and *Toxascaris leonina*).  

(2) The contents of 1 capsule should be mixed with the food of the animal for each 5 pounds, or fraction thereof of body weight, except dogs weighing over 25 pounds should be given the contents of 6 capsules. The drug should be mixed in 1/2 of the regular feeding and when the animal has finished eating the dosed food, the remainder of the food may be given. Dogs and cats may be wormed at 6 to 8 weeks of age. The first treatment should be repeated 10 days later. Reinfection may occur. Repeat treatment if indicated.

(3) Severely debilitated animals should not be wormed except on the advice of a veterinarian.

[40 FR 13838, Mar. 27, 1975, as amended at 54 FR 36515, Sept. 19, 1989]

§ 520.1804  
Piperazine phosphate capsules.

(a) Specifications. Each capsule contains 120, 300, or 600 milligrams of piperazine phosphate monohydrate.

(b) Sponsor. See No. 051311 in §510.600(c) of this chapter.

(c) Conditions of use—(1) Amount. 60 milligrams of piperazine phosphate monohydrate per pound of body weight.

(2) Indications for use—(1) Dogs. It is used for the removal of large roundworms (ascarids) *Toxocara canis* and *Toxascaris leonina*.  

(2) Cats. It is used for the removal of large roundworms (ascarids) *Toxocara mystax* and *Toxacaris leonina*.

(3) Limitations. Administer in animal’s food or milk. For animals up to 1 year of age administer every 2 or 3 months; for animals over 1 year old, administer periodically as necessary. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.


§ 520.1805  
Piperazine phosphate with thenium closylate tablets.

(a) Specifications. Each scored tablet contains the equivalent of 250 milligrams piperazine hexahydrate (as piperazine phosphate) and 125 milligrams thenium (as thenium closylate) or 500 milligrams piperazine hexahydrate (as

1 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.
§ 520.1807 Piperazine.

(a) Specifications. A soluble powder or liquid containing piperazine dihydrochloride or dipiperazine sulfate, equivalent to 17, 34, or 230 grams of piperazine per pound or 100 milliliters.

(b) Sponsor. See 015565 in § 510.600(c) of this chapter.

(c) Related tolerances. See § 556.513 of this chapter.

(d) Conditions of use—

(1) Chickens—

(i) Amount. 50 milligrams per bird under 6 weeks, 100 milligrams per bird over 6 weeks.

(ii) Indications for use. For removal of large roundworm (Ascaridia spp.).

(iii) Limitations. For use in drinking water or feed. Use as sole source of drinking water. Prepare fresh solution daily. Use as 1-day single treatment. Withdraw 14 days prior to slaughter. Do not use for chickens producing eggs for human consumption. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

(2) Turkeys—

(i) Amount. 100 milligrams per bird up to 12 weeks and 200 milligrams per bird over 12 weeks.

(ii) Indications for use. For removal of large roundworm (Ascaridia spp.).

(iii) Limitations. For use in drinking water or feed. Use as sole source of drinking water. Prepare fresh solution daily. Use as 1-day single treatment. Withdraw 14 days prior to slaughter. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

(3) Swine—

(i) Amount. 50 milligrams per pound of body weight.

(ii) Indications for use. For removal of large roundworm (Ascaris suum) and nodular worms (Oesophagostomum spp.).

(iii) Limitations. For use in drinking water or feed. Use as sole source of drinking water. Prepare fresh solution daily. Use as 1-day single treatment. Withdraw 14 days prior to slaughter. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.