§ 524.2481  Triamcinolone acetonide cream.

(a) Specifications. Triamcinolone acetonide cream contains 0.1 percent triamcinolone acetonide in an aqueous vanishing cream base.

(b) Sponsor. See No. 051259 and 053501 in § 510.600(c) of this chapter.

(c) Conditions of use. (1) The drug is recommended for use on dogs as an anti-inflammatory, antipruritic, and antiallergic agent for topical treatment of allergic dermatitis and summer eczema.

(2) The drug is applied by rubbing into affected areas two to four times daily for 4 to 10 days.

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

§ 524.2620 Liquid crystalline trypsin, Peru balsam, castor oil.

(a)(1) Specifications. The drug is a liquid for direct application or an aerosol preparation formulated so that each gram delivered to the wound site contains 0.12 milligram of crystalline trypsin, 87.0 milligrams of Peru balsam, and 788.0 milligrams of castor oil.

(2) Sponsor. See No. 000514 in § 510.600(c) of this chapter.

(b)(1) Specifications. The drug is a liquid for direct application or an aerosol preparation formulated so that each gram delivered to the wound site contains 0.1 milligram of crystalline trypsin, 72.5 milligrams of Peru balsam, and 800 milligrams of castor oil.

(2) Sponsor. See No. 017135 in § 510.600(c) of this chapter.

(c) Conditions of use. The drug is used as an aid in the treatment of external wounds and assists healing by facilitating the removal of necrotic tissue, exudate and organic debris.

§ 524.2640 Tylosin, neomycin eye powder.

(a) Specifications. Tylosin is the antibiotic substance produced by growth of Streptomyces fradiae or the same antibiotic substance produced by any other means. Tylosin, present as the tartrate salt, 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 Dockets Management Branch (HFA–305), Food and Drug Administration, rm. 1–23, 12420 Parklawn Dr., Rockville, MD 20857, or available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC 20001.

(b) Sponsor. See No. 000986 in § 510.600(c) of this chapter.

(c) Conditions of use. (1) It is used in cattle for the treatment of pinkeye (infectious keratoconjunctivitis).

(2) It is administered by holding the eyelids open and dusting powder into both eyes. The treatment is repeated daily for up to 7 days depending on the severity of the infection. Affected animals should be protected from direct sunlight, dust, and flies. In an affected herd, all animals with or without signs of the disease should receive at least one treatment.

(3) If there is severe eye damage or if the condition persists or increases, discontinue administering the drug and consult a veterinarian.

§ 526.88 Amoxicillin trihydrate for intramammary infusion.

§ 526.363 Cephapirin benzathine.

§ 526.365 Cephapirin sodium for intramammary infusion.

§ 526.464 Cloxacillin intramammary dosage forms.
Food and Drug Administration, HHS § 526.365

§ 526.363 Cephapirin benzathine.
(a) Specifications. Each 10 milliliter disposable syringe contains 300 milligrams of cephapirin activity (as cephapirin benzathine) in a peanut-oil gel.
(b) Sponsor. See No. 000856 in §510.600(c) of this chapter.
(c) Related tolerances. See §556.115 of this chapter.
(d) Conditions of use—(1) Amount. Infuse contents of one syringe into each infected quarter.
(2) Indications for use. Use in dry cows for treatment of mastitis caused by susceptible strains of Streptococcus agalactiae and Staphylococcus aureus.
(3) Limitations. Infuse each infected quarter following last milking or early in the dry period, but no later than 30 days before calving. Milk from treated cows must not be used for food during the first 72 hours after calving. Animals infused with this product must not be slaughtered for food until 42 days after the latest infusion. For use in dry cows only.

§ 526.365 Cephapirin sodium for intramammary infusion.
(a) Specifications. Each 10-milliliter dose contains 200 milligrams of cephapirin sodium activity in a peanut-oil gel.
(b) Sponsor. See No. 000856 in §510.600(c) of this chapter.
(c) Related tolerances. See §556.115 of this chapter.
(d) Conditions of use. (1) The drug is used for the treatment of lactating cows having bovine mastitis caused by susceptible strains of Streptococcus agalactiae and Staphylococcus aureus.
(2) Administer one dose into each infected quarter immediately after the quarter has been completely milked out. Do not milk out for 12 hours. Repeat once only in 12 hours. Improvement is not noted within 48 hours after treatment, consult your veterinarian.
(3) Milk that has been taken from animals during treatment and for 96 hours (8 milkings) after the last treatment must not be used for food. Treated animals must not be slaughtered for...
§ 526.464

Cloxacillin intramammary dosage forms.

§ 526.464a Cloxacillin benzathine for intramammary infusion.

(a) Specifications. Each dose contains cloxacillin benzathine equivalent to 500 milligrams of cloxacillin.

(b) Related tolerances. See §556.165 of this chapter.

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

(1) Amount. Administer aseptically into each infected quarter immediately after last milking or early in dry period.

(2) Indications for use. Treatment of mastitis caused by Staphylococcus aureus and Streptococcus agalactiae including penicillin resistant strains in dairy cows during the dry period.

(3) Limitations. For use in dry cows only. Not to be used within 30 days of calving. Animals infused with this product must be slaughtered for food use for 30 days after the latest infusion. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

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

(1) Amount. Administer one dose in each quarter immediately after last milking.

(2) Indications for use. Treatment and prophylaxis of bovine mastitis in non-lactating cows due to S. agalactiae and S. aureus.

(3) Limitations. For use in dry cows only. Not to be used within 4 weeks (28 days) of calving. Animals infused with this product must be slaughtered for food use for 4 weeks (28 days) after the latest infusion. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

§ 526.464b Cloxacillin benzathine for intramammary infusion, sterile.

(a) Specifications. Each 6 milliliter dose contains cloxacillin benzathine equivalent to 500 milligrams of cloxacillin.

(b) Related tolerances. See §556.165 of this chapter.

(c) Sponsor. See No. 055529 in §510.600(c) of this chapter.

(1) Amount. 6 milliliters per infected quarter aseptically immediately after last milking at the time of drying-off of the cow.

(2) Indications for use. Treatment of mastitis caused by Staphylococcus aureus and Streptococcus agalactiae in dairy cows at the time of drying-off of the cow.

(3) Limitations. For use in dry cows only. Not to be used within 30 days of calving. Milk taken from treated cows prior to 72 hours (6 milkings) after calving must not be used for human food. Animals infused with this product must not be slaughtered for food from the time of infusion until 72 hours after calving. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

§ 526.464c Cloxacillin sodium for intramammary infusion, sterile.

(a) Specifications. Each milliliter contains cloxacillin sodium equivalent to 20.0 milligrams of cloxacillin.

(b) Sponsor. See No. 000069 in §510.600(c) of this chapter.
(c) Related tolerances. See §556.165 of this chapter.
(d) Conditions of use. Lactating cows—
(1) Amount. 10 milliliters (one dose of 200 milligrams) per infected quarter.
(2) Indications for use. Treatment of mastitis in lactating cows due to Streptococcus agalactiae and Staphylococcus aureus, nonpenicillinase-producing strains.
(3) Limitations. Administer after milking, cleaning, and disinfecting, and as early as possible after detection. Treatment should be repeated at 12-hour intervals for a total of three doses. Milk taken from treated animals within 48 hours (four milkings) after the latest treatment should not be used for food. Treated animals should not be slaughtered for food within 10 days after the latest treatment. Federal law restricts this drug to use by or on the order of a licensed veterinarian.
[57 FR 37335, Aug. 18, 1992, as amended at 60 FR 55660, Nov. 2, 1995]

§ 526.820 Erythromycin.
(a) Specifications. (1) Each 6-milliliter, single-dose, disposable syringe contains 300 milligrams of erythromycin (as the base), 0.45 milligram of butylated hydroxyanisole, and 0.45 milligram of butylated hydroxytoluene.
(2) Each 12-milliliter, single-dose, disposable syringe contains 600 milligrams of erythromycin (as the base), 0.90 milligram of butylated hydroxyanisole, and 0.90 milligram of butylated hydroxytoluene.
(3) The vehicle is triglyceride of saturated fatty acids from coconut oil.
(4) The drug may or may not be sterile.
(b) Sponsor. See No. 050604 in §510.600(c) of this chapter.
(c) Conditions of use—(1) Amount. (i) Lactating cows: After milking, cleaning, and disinfecting, infuse contents of a single 6-milliliter syringe into each infected quarter; repeat procedure at 12-hour intervals for a maximum of 3 consecutive infusions.
(ii) Dry cows: After milking, cleaning, and disinfecting, infuse contents of a single 12-milliliter syringe into each infected quarter at the time of drying off.
(2) Indications for use. Treatment of mastitis due to Staphylococcus aureus, Streptococcus agalactiae, Streptococcus dysgalactiae, and Streptococcus uberis in lactating or dry cows.
(3) Limitations. Milk taken from animals during treatment and for 36 hours (3 milkings) after the latest treatment must not be used for food.
[47 FR 15772, Apr. 13, 1982]

§ 526.1130 Hetacillin potassium for intramammary infusion.
(a) Specifications. Each 10 milliliter syringe contains hetacillin potassium equivalent to 62.5 milligrams of ampicillin.
(b) Sponsor. See No. 000856 in §510.600(c) of this chapter.
(c) Conditions of use. Lactating cows—
(1) Amount. 10 milliliters of hetacillin potassium equivalent to 62.5 milligrams ampicillin into each infected quarter. Repeat at 24-hour intervals until a maximum of three treatments has been given.
[57 FR 37335, Aug. 18, 1992, as amended at 60 FR 55660, Nov. 2, 1995]
§ 526.1590 Novobiocin oil suspension.

(a)(1) Specifications. Each 10 milliliters of oil suspension contains the equivalent of 400 milligrams of novobiocin (present as sodium novobiocin).

(2) Sponsor. See No. 000009 in § 510.600(c) of this chapter.

(3) Related tolerances. See § 556.460 of this chapter.

(b)(1) Specifications. Each 10 milliliters of oil suspension contains the equivalent of 150 milligrams of novobiocin (present as sodium novobiocin).

(2) Sponsor. See No. 000009 in § 510.600(c) of this chapter.

(3) Related tolerances. See § 556.460 of this chapter.

(4) Conditions of use—(i) Amount. Infuse 10 milliliters (equivalent to 150 milligrams of novobiocin) in each quarter after milking. Repeat treatment once after 24 hours.

(ii) Indications for use. Use in lactating cows for treatment of mastitis caused by susceptible strains of Staphylococcus aureus.

(iii) Limitations. Do not milk for at least 6 hours after treatment; afterwards, milk at regular intervals. Milk taken from treated animals within 72 hours (6 milkings) after latest treatment must not be used for food. Do not slaughter treated animals for food for 15 days following latest treatment. If redness, swelling, or abnormal milk persists or increases after treatment, discontinue use and consult a veterinarian. For udder instillation in lactating cattle only. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[43 FR 10554, Mar. 14, 1978]

§ 526.1696 Penicillin intramammary dosage forms.

§ 526.1696a Penicillin G procaine in oil.

(a) Specifications. Each milliliter contains penicillin G procaine equivalent to 100,000 units of penicillin G in peanut, sesame, or soybean oils.

(b) Related tolerances. See § 556.510 of this chapter.

(c) Sponsor. See No. 010515 in § 510.600(c) of this chapter.

(1) National Academy of Sciences/National Research Council (NAS/NRC) status. The conditions specified in paragraph (c)(2)(i)(B) of this section were NAS/NRC reviewed and found 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.

(2) Conditions of use. Treating bovine mastitis caused by Streptococcus agalactiae, S. dygalactiae, and S. uberis in lactating cows as follows:

(i) Three-dose regimen. Administer by intramammary infusion in each infected quarter as follows:

(A) 6-milliliter dose (peanut oil). Treatment may be repeated at 12-hour intervals. Milk that has been taken from animals during treatment and for 84 hours (7 milkings) after the latest treatment must not be used for food.
Animals must not be slaughtered for food during treatment or within 4 days after the latest treatment.

(B) 10-milliliter dose (sesame oil). Treatment may be repeated at 12-hour intervals. Milk that has been taken from animals during treatment and for 60 hours (5 milkings) after the latest treatment must not be used for food. Animals must not be slaughtered for food during treatment or within 6 days after the latest treatment.

(ii) Two-dose regimen. 10-milliliter dose (peanut oil). Administer by intramammary infusion in each infected quarter. Treatment may be repeated at 12-hour intervals for not more than three doses, as indicated by clinical response.

(3) Limitations. Milk that has been taken from animals during treatment and for 60 hours (5 milkings) after the latest treatment must not be used for food. Animals must not be slaughtered for food during treatment or within 3 days after the latest treatment.

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

(c) Related tolerances. See §§556.200 and 556.510 of this chapter.

(d) Conditions of use. Dairy cows—(1) Amount. One syringe into each quarter at time of dry-off. Intramammary treatment of subclinical mastitis in dairy cows at the time of drying off, specifically against infections caused by Staphylococcus aureus and Streptococcus agalactiae.

(3) Limitations. Not to be used within 6 weeks of calving. For use in dairy cows only. Milk taken from cows within 24 hours (2 milkings) after calving must not be used for food. Animals infused with this drug must not be slaughtered for food within 60 days of treatment nor within 24 hours after calving.

§ 526.1696c Penicillin G procaine-dihydrostreptomycin sulfate for intramammary infusion (dry cows).

(a) Specifications. Each 10 milliliters of suspension contains penicillin G procaine equivalent to 1 million units of penicillin G and dihydrostreptomycin sulfate equivalent to 1 gram of dihydrostreptomycin.

(b) Sponsor. See No. 033392 in §510.600(c) of this chapter.

(c) Related tolerances. See §§556.200 and 556.510 of this chapter.

(d) Conditions of use. Dairy cows—(1) Amount. One syringe per quarter at the last milking prior to drying off. Intramammary use to reduce the frequency of existing mastitis caused by Streptococcus agalactiae in dry cows.
infection and to prevent new infections with *Staphylococcus aureus* in dry cows.

(3) Limitations. Not to be used within 6 weeks of freshening. Not for use in lactating cows. Milk taken from animals within 96 hours (8 milkings) after calving must not be used for food. Animals infused with this drug must not be slaughtered for food within 60 days from the time of infusion nor within 96 hours after calving. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[57 FR 37336, Aug. 18, 1992; 57 FR 42623, Sept. 15, 1992]

§ 526.1696d Penicillin G procaine-novobiocin for intramammary infusion.

(a) Specifications. For lactating cattle: each 10-milliliter dose contains 100,000 units of penicillin G procaine and 150 milligrams of novobiocin as novobiocin sodium. For dry cows: 200,000 units of penicillin G procaine and 400 milligrams of novobiocin as novobiocin sodium.

(b) Sponsor. See No. 000009 in § 510.600(c) of this chapter.

(c) Conditions of use—(1) Lactating cows—(i) Amount. 10 milliliters in each infected quarter after milking. Repeat once after 24 hours.

(ii) Indications for use. Treating lactating cows for mastitis caused by susceptible strains of *Staphylococcus aureus*, *Streptococcus agalactiae*, *Streptococcus dysgalactiae*, and *Streptococcus uberis*.

(iii) Limitations. For udder instillation in lactating cattle only. Do not use less than 30 days prior to calving. Milk from treated cows must not be used for food during the first 72 hours after calving. Treated animals must not be slaughtered for food for 30 days following udder infusion.

[57 FR 37336, Aug. 18, 1992; 57 FR 42623, Sept. 15, 1992]

§ 526.1810 Pirlimycin hydrochloride aqueous gel.

(a) Specifications. Each 10-milliliter syringe contains 50 milligrams of pirlimycin (as pirlimycin hydrochloride).

(b) Sponsor. See No. 000009 in § 510.600(c) of this chapter.

(c) Related tolerances. See § 556.515 of this chapter.

(d) Conditions of use. (1) Dose. 50 milligrams in each infected quarter, repeated once after 24 hours.

(2) Indications for use. For lactating dairy cattle for the treatment of clinical and subclinical mastitis caused by *Staphylococcus* species, such as *Staphylococcus aureus*; and *Streptococcus* species, such as *Streptococcus agalactiae*, *Streptococcus dysgalactiae*, and *Streptococcus uberis*.

(3) Limitations. Milk taken from animals during treatment and for 36 hours (three milkings) following the last treatment must not be used for food. Treated animals must not be slaughtered for food use for 28 days following the last treatment. Cows with systemic clinical signs caused by mastitis should receive other appropriate therapy under the direction of a licensed veterinarian. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[58 FR 58486, Nov. 2, 1993]