

EnteDerm™ Ointment

(Nystatin-Neomycin Sulfate-Thiostrepton-Triamcinolone Acetonide)

EnteDerm ointment is particularly useful in the treatment of acute and chronic otitis of varied etiologies, in interdigital cysts in cats and dogs, and in anal gland infections in dogs. It is also indicated in the management of dermatologic disorders characterized by inflammation and dry or exudative dermatitis, particularly those caused, complicated, or threatened by bacterial or candidal (*Candida albicans*) infections. It is also of value in treating eczematous dermatitis, contact dermatitis, and seborrheic dermatitis; and as an adjunct in treating dermatitis caused by parasitic infestation. Prescription.

Product	Item#	Size
EnteDerm Ointment	503009	7.5 mL
	502009	15 mL
	504009	30 mL
	501009	240 mL

Provides four basic therapeutic effects:

- Anti-inflammatory
- Antipruritic
 - Triamcinolone Acetonide – 1 mg/mL
- Antifungal (in vitro)
 - Nystatin – 100,000 units/mL
- Antibacterial
 - Thiostrepton –2,500 units/mL
 - Neomycin Sulfate – 2.5 mg/mL (equivalent to Neomycin base)





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NOT FOR HUMAN USE.

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

NADA 140-810, Approved by FDA

Description: Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment is an ointment in a non-irritating vehicle, a polyethylene and mineral oil gel base.

Each mL contains:

nystatin.....	100,000 Units
neomycin sulfate (equivalent to neomycin base)	2.5 mg
thiostrepton	2,500 Units
triamcinolone acetonide.....	1.0 mg

Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment is supplied in tubes of ¼ fl. oz. (7.5 mL), ½ fl. oz. (15 mL), and 1 fl. oz. (30 mL), each with an elongated tip for easy application and in dispensing bottles of 8 fl. oz. (240 mL). The preparation is intended for local therapy in a variety of cutaneous disorders of cats and dogs; it is especially useful in disorders caused, complicated or threatened by bacterial and/or candidal (monilial) infections.

Actions: By virtue of its four active ingredients, the ointment provides four basic therapeutic effects: anti-inflammatory, antipruritic, antifungal and antibacterial. Triamcinolone acetonide is a potent synthetic corticosteroid providing rapid and prolonged symptomatic relief on topical administration, inflammation, edema and pruritus promptly subside and lesions are permitted to heal. Nystatin is the first well tolerated anti-fungal antibiotic of dependable efficacy for the treatment of cutaneous infections caused by *Candida albicans* (monilia). Nystatin is fungistatic in vitro against a variety of yeast and yeast-like fungi including many fungi pathogenic to animals. No appreciable activity is exhibited against bacteria. Thiostrepton has a high order of activity against gram-positive organisms, including many which are resistant to other antibiotics; neomycin exerts antimicrobial action against a wide range of gram-positive and gram-negative bacteria. Together they provide comprehensive therapy against those organisms responsible for most superficial bacterial infections.

Indications: Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment is particularly useful in the treatment of acute and chronic otitis of varied etiologies, in interdigital cysts in cats and dogs, and in anal gland infections in dogs. The preparation is also indicated in the management of dermatologic disorders characterized by inflammation and dry or exudative dermatitis, particularly those caused, complicated, or threatened by bacterial or candidal (*Candida albicans*) infections. It is also of value in eczematous dermatitis; contact dermatitis, and seborrheic dermatitis; and as an adjunct in the treatment of dermatitis due to parasitic infestation.

Warnings: Clinical and experimental data have demonstrated that corticosteroids administered orally or by injection to animals may induce the first stage of parturition if used during the last trimester of pregnancy

and may precipitate premature parturition followed by dystocia, fetal death, retained placenta and metritis.

Additionally, corticosteroids administered to dogs, rabbits, and rodents during pregnancy have resulted in cleft palate in the offspring. In dogs, other congenital anomalies have resulted; deformed forelegs, phocomelia, and anasarca.

Precautions: Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment is not intended for the treatment of deep abscesses or deep-seated infections such as inflammation of the lymphatic vessels. Parenteral antibiotic therapy is indicated in these infections. Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment has been extremely well tolerated. Cutaneous reactions attributable to its use have been extremely rare. The occurrence of systemic reactions is rarely a problem with topical administration.

There is some evidence that corticosteroids can be absorbed after topical application and cause systemic effects. Therefore, an animal receiving nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment therapy should be observed closely for signs such as polydipsia, polyuria, and increased weight gain. Nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment is not generally recommended for the treatment of deep or puncture wounds or serious burns.

Sensitivity to neomycin may occur. If redness, irritation or swelling persists or increases, discontinue use. Do not use if pus is present since this drug may allow the infection to spread.

Keep this and all medications out of reach of children.

Avoid ingestion. Oral or parenteral use of corticosteroids (depending on dose, duration of use, and specific steroid) may result in inhibition of endogenous steroid production following drug withdrawal.

Side effects: SAP and SGPT (ALT) enzyme elevations, polydipsia/polyuria, vomiting, and diarrhea (occasionally bloody) have been observed following parenteral or systemic use of synthetic corticosteroids in dogs.

Cushing's syndrome has been reported in association with prolonged or repeated steroid therapy in dogs.

Temporary hearing loss has been reported in conjunction with treatment of otitis with products containing corticosteroids. However, regression usually occurred following withdrawal of the drug. If hearing dysfunction is noted during the course of treatment with nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment, discontinue its use.

Caution: Before instilling any medication into the ear, examine the external ear canal thoroughly to be certain the tympanic membrane is not ruptured in order to avoid the possibility of transmitting infection to the middle ear as well as damaging the cochlea or vestibular apparatus from prolonged contact. If hearing or vestibular dysfunction is noted during the course of treatment, discontinue the use of nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment.

Dosage and administration: Frequency of administration is dependent on the severity of the condition. For mild inflammations, application may range from once daily to once a week; for severe conditions nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment may be applied as often as two to three times daily, if necessary. Frequency of treatment may be decreased as improvement occurs.

Wear gloves during the administration of the ointment or wash hands immediately after application.

Otitis: Clean ear canal of impacted cerumen. Inspect canal and remove any foreign bodies such as grass awns, ticks, etc. Instill three to five drops of nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment.

Preliminary use of a local anesthetic such as Proparacaine Hydrochloride Ophthalmic Solution may be advisable.

Infected anal glands, cystic areas, etc.: Drain gland or cyst and then fill with nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment.

Other dermatologic disorders: Clean affected areas, removing any encrusted discharge or exudate. Apply nystatin, neomycin sulfate, thiostrepton and triamcinolone acetonide ointment sparingly in a thin film.

How supplied: EnteDerm Ointment is available in:

NDC 13985-009-75 7.5 mL plastic tube

NDC 13985-009-15 15 mL plastic tube

NDC 13985-009-30 30 mL plastic tube

NDC 13985-009-40 240 mL plastic bottle

Storage:

7.5 mL, 15 mL, 30 mL tubes: Store at room temperature; avoid excessive heat (104° F.)

240 mL bottle: Do not store above 86° F.