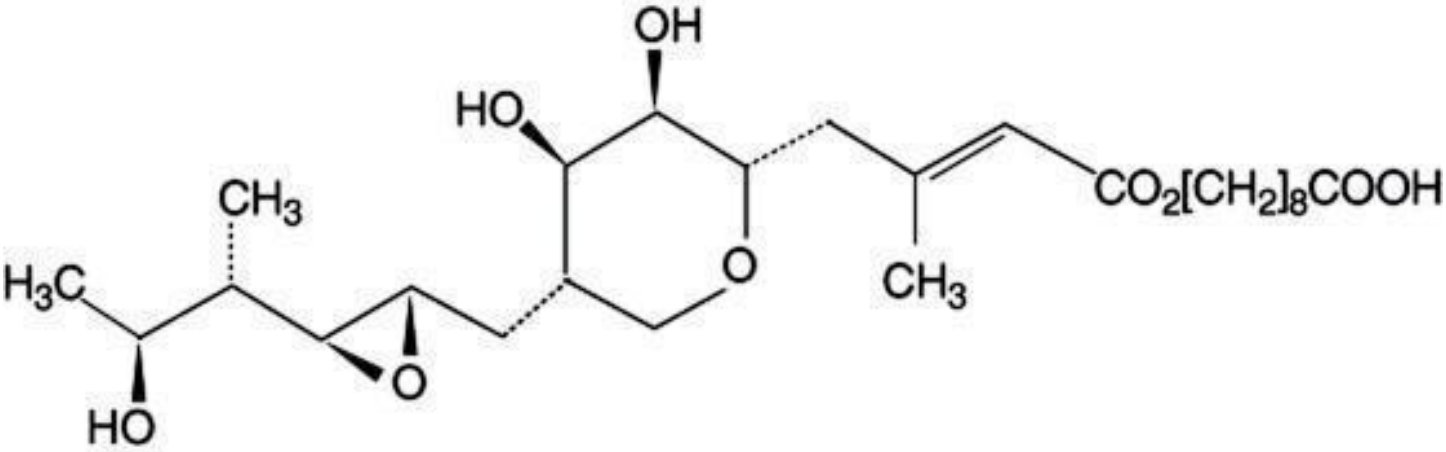
MURICIN - mupirocin ointment
Dechra Veterinary Products

ANADA# 200-418. Approved by FDA.
For dermatologic use on dogs.

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

DESCRIPTION:
Each gram of Muricin® ointment contains 20 mg of mupirocin in a bland, water-washable ointment base consisting of polyethylene glycol 400 and polyethylene glycol 3350 (polyethylene glycol ointment, NF). Mupirocin is a naturally-occurring, broadspectrum antibiotic. The chemical name is (*E*)-(2*S*,3*R*,4*R*,5*S*)-5-[(2*S*,3*S*,4*S*,5*S*)-2,3-Epoxy-5-hydroxy-4-methylhexyl]tetrahydro-3,4-dihydroxy-β-methyl-2*H*-pyran-2-crotonic acid, ester with 9-hydroxynonanoic acid. The chemical structure is:



CLINICAL PHARMACOLOGY:
Mupirocin is a chemical entity produced by fermentation of the organism *Pseudomonas fluorescens.* Mupirocin inhibits bacterial protein synthesis by reversibly and specifically binding to bacterial isoleucyl transfer-RNA synthetase. Due to this mode of action, mupirocin shows no cross resistance with chloramphenicol, erythromycin, gentamicin, lincomycin, neomycin, novobiocin, penicillin, streptomycin, and tetracycline. Mupirocin is an antimicrobial agent that inhibits the growth of gram-positive and gram-negative bacteria. Bacteria susceptible to the action of mupirocin *in vitro* include the aerobic isolates of *Staphylococcus aureus* (including methicillin-resistant strains and β-lactamase-producing strains), *Staphylococcus intermedius, Staphylococcus epidermidis,* other coagulase positive or negative Staphylococci, α-hemolytic Streptococci, β group A Streptococci (including *S. pyogenes*), other β Streptococci (including *S. agalactiae*), group D Streptococci (including *S. faecalis* and *S. faecium*), group Viridans Streptococci, *Streptococcus pneumoniae, Corynebacterium hofmanii, Bacillus subtilis, Escherichia coli, Klebsiella pneumoniae, Proteus mirabilis, Proteus vulgaris, Enterobacter cloacae, Enterobacter aerogenes, Citrobacter freundii, Hemophilus influenzae* (including β-lactamase-producing strains), *Neisseria gonorrheae* (including β-lactamase-producing strains), *Neisseria meningitidis, Branhamella catarrhalis* and *Pasteurella multocida,* and the anaerobic isolates of *Peptostreptococcus anaerobius, Clostridium difficile,* and *Clostridium sporogenes.*
Clinical significance of the *in vitro* data is unknown except for susceptible strains of *Staphylococcus aureus* and *Staphylococcus intermedius.*

INDICATIONS FOR USE:
Muricin® ointment is indicated for the topical treatment of canine bacterial infections of the skin, including superficial pyoderma, caused by susceptible strains of *Staphylococcus aureus* and *Staphylococcus intermedius.*

CONTRAINDICATIONS:
This drug is contraindicated in animals with a history of sensitivity reactions to any of its components.

WARNINGS:
Because of the potential hazard of nephrotoxicity due to the polyethylene glycol content of the base, care should be exercised when using this product in treating extensive deep lesions where absorption of large quantities of polyethylene glycol is possible.
Safety of use in pregnant or breeding animals has not been determined. Muricin® ointment is not for ophthalmic use.

ADVERSE REACTIONS:
No adverse reactions have been reported with this product. If a skin reaction such as irritation should occur, treatment should be discontinued and appropriate therapy instituted.

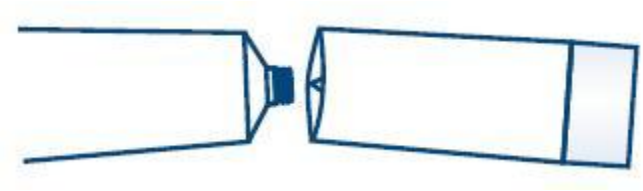
DOSAGE AND ADMINISTRATION:

Prior to treatment, the lesion should be cleansed. Muricin® ointment should be applied to the affected area twice a day. Apply a sufficient amount of ointment to completely cover the infected area. Maximum duration of treatment should not exceed 30 days.

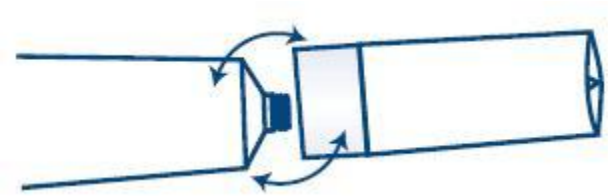
HOW SUPPLIED:

Muricin® Ointment is supplied in 15-gram tubes.
NDC 17033-420-15.

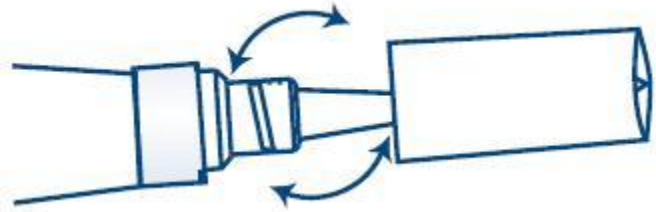
Store between 15° and 30°C (59° and 86°F).
Keep Out of Reach of Children



1. Remove entire Applicator Assembly, puncture tube with white portion of the cap.



2. Replace entire Applicator Assembly.



3. To dispense, remove the white portion of the cap.

4. After use replace white cap to close.

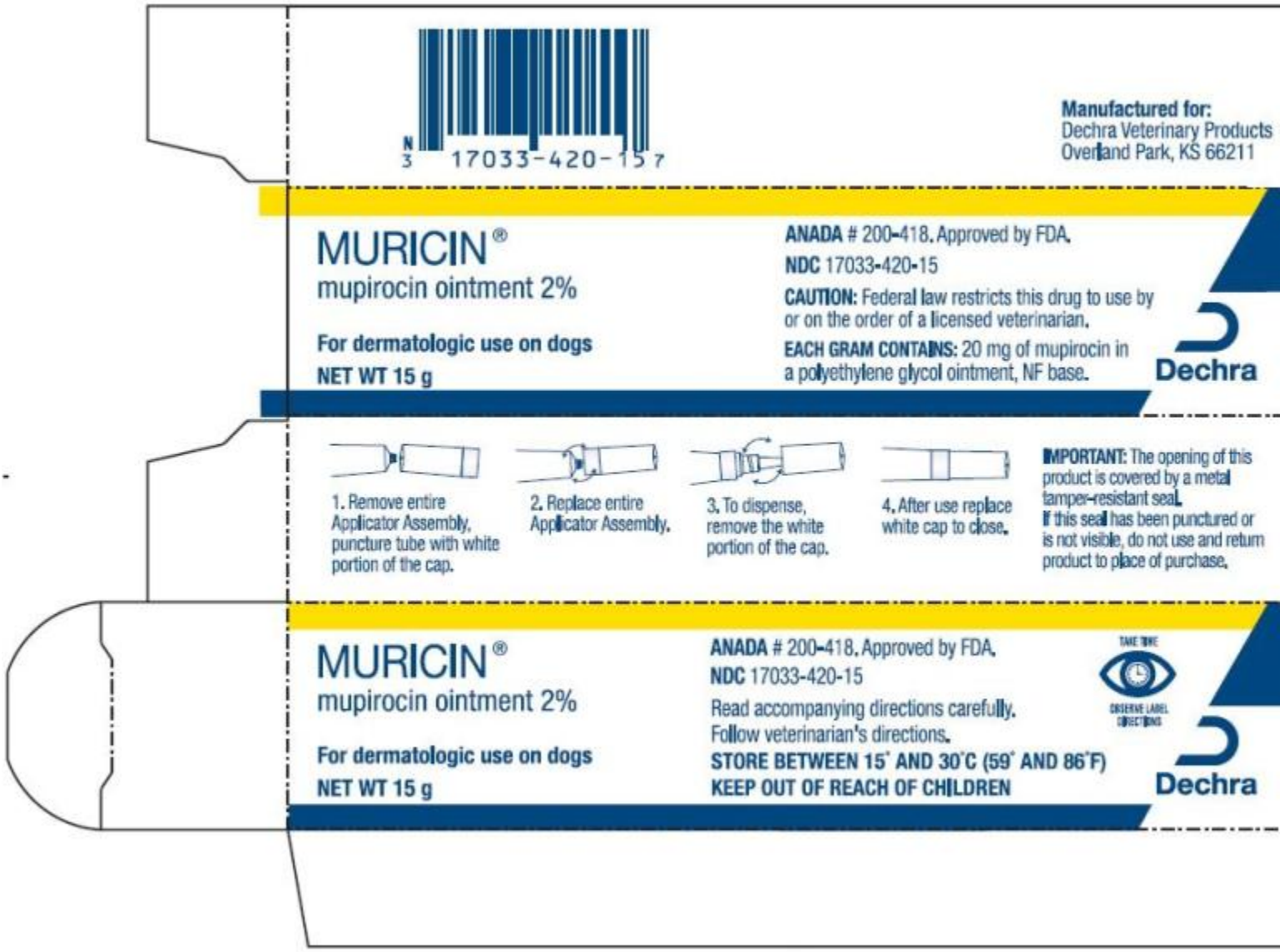
IMPORTANT:
The opening of this product is covered by a metal tamper-resistant seal.
If this seal has been punctured or is not visible, do not use and return product to place of purchase.

TAKE TIME OBSERVE LABEL DIRECTIONS

MANUFACTURED FOR:
Dechra Veterinary Products
Overland Park, KS 66211
I420 DECHRA R1/08 #131

PRINCIPAL DISPLAY PANEL - 15 G CARTON

MURICIN®
mupirocin ointment 2%
For dermatologic use on dogs
NET WT 15 g
ANADA # 200-418. Approved by FDA.
NDC 17033-420-15



PRINCIPAL DISPLAY PANEL - 15 G CONTAINER
NET WT 15g

MURICIN®
mupirocin
ointment 2 %
For dermatologic use on dogs
NDC 17033-420-15
NADA #200-418.
Approved by FDA.

NET WT 15 g

NDC 17033-420-15

MURICIN®

mupirocin
ointment 2 %

ANADA # 200-418.
Approved by FDA.

Dechra

For dermatologic use on dogs

Each gram contains: 20 mg of mupirocin in a polyethylene glycol ointment, NF base.
Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Dosage and administration: Prior to treatment, the lesion should be cleansed. Muricin® ointment should be applied to the affected area twice a day. Apply a sufficient amount of ointment to completely cover the infected area. Maximum duration of treatment should not exceed 30 days. Read accompanying directions carefully.
Store between 15° and 30°C (59° and 86°F). Keep out of reach of children.
1. Remove entire Applicator Assembly, puncture tube with white portion of the cap. 2. Replace entire Applicator Assembly. 3. To dispense, remove the white portion of the cap. 4. After use replace white cap to close. **IMPORTANT:** Do not use if seal has been punctured or is not visible.

U5445 R1/08

See crimp of tube for Lot No. and Exp. Date.

Manufactured for:
Dechra Veterinary Products
Overland Park, KS 66211

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