



## TECHNICAL NOTES

# Amacin<sup>®</sup>

## Eye & Ear Ointment



### Active Constituents

Neomycin sulfate 5 mg/g

Polymixin B sulfate 5,000 IU/g

Prednisolone 2.5 mg/g

Sulfacetamide sodium 50 mg/g

### Actions

Amacin<sup>®</sup> combines antibacterial and anti-inflammatory actions effective in the majority of commonly occurring eye and ear infections.

Neomycin sulfate is an aminoglycoside antibiotic. It is bactericidal by way of irreversible inhibition of bacterial protein synthesis.

Neomycin is broad spectrum and is most active against aerobic Gram-negative rods (for example *Proteus* spp. and *Pseudomonas* spp.) and Gram-positive cocci such as *Staphylococci*.

Polymixin B causes direct bacterial membrane damage by a detergent-like action. It is bactericidal even in the absence of cell growth and effective only against Gram-negative organisms.

Sulfacetamide sodium has a bacteriostatic action. It is non-irritant in high concentrations. It is well absorbed with high levels quickly attained in the cornea, conjunctiva, aqueous humour and iris.

Prednisolone is a corticosteroid with potent anti-inflammatory and excellent penetrating properties.

The above actives are formulated in a polybase that ensures fluidity over a wide temperature range for ease of application. It disperses well, is non-irritating and there is good contact of active ingredients with the cornea and aural mucosa.

### Indications

For topical treatment of ocular and aural infections in dogs, cat and horses.

### Directions for Use

Apply once or twice daily as required.



[www.jurox.com.au](http://www.jurox.com.au)  
Customer Service 1800 023 312  
® Registered Trademark of Jurox Pty Ltd

AUSTRALIA'S  
ANIMAL HEALTH COMPANY





## TECHNICAL NOTES



### Restraints

---

NOT TO BE USED in food producing species of animals.

### Warning

---

Amacin® contains a corticosteroid, so should not be used where corneal ulceration exists.<sup>1</sup>

### Withholding Periods

---

NOT TO BE USED in horses intended for human consumption.

### First Aid

---

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 1126.

### GHS Information

---

For GHS Information see Safety Data Sheet.

### Presentation

---

Ointment: 4g tube

### Storage

---

Store below 30°C (room temperature).

### Poisons Schedule

---

S4.

### Registration Number

---

APVMA No. 36293

### References

---

- 1 Ferguson DC, Dirikolu L, Hoenig M. Glucocorticoids, mineralocorticoids and adrenolytic drugs. In: Riviere JE, Papich MG, editors. *Veterinary pharmacology & therapeutics*. 9th ed. Iowa: Iowa State University Press; 2009. p.771-802.

