

# DOXYGEN WS

## Gentamycin Sulphate/Doxycycline Hyclate Powder for oral administration



### COMPOSITION :

#### Each gram contains :

Doxycycline hyclate	B.P	100 mg
Gentamicin sulphate	B.P	50 mg
Excipients ad		1 g

### DESCRIPTION :

Doxycycline belongs to the group of tetracyclines and acts bacteriostatic against many Gram-positive and Gram-negative bacteria like Bordetella, Campylobacter, E. coli, Haemophilus, Pasteurella, Salmonella, Staphylococcus and Streptococcus spp. Doxycycline is also active against Chlamydia, Mycoplasma and Rickettsia spp. The action of doxycycline is based on inhibition of bacterial protein synthesis. Doxycycline has good affinity towards the lungs and is therefore especially useful for treatment of bacterial respiratory infections. Gentamicin sulphate belongs to the group of aminoglycosides and acts bactericidal against mainly Gram-negative bacteria like E. coli, Klebsiella, Pasteurella and Salmonella spp. The bactericidal action is based on inhibition of bacterial protein synthesis as well. Administered orally, gentamicin is poorly resorbed and therefore, performs its action predominantly in the gastrointestinal tract.

### INDICATIONS :

Gastrointestinal and respiratory infections caused by micro-organisms sensitive to doxycycline and/or gentamicin like Bordetella, Campylobacter, Chlamydia, E. coli, Klebsiella, Haemophilus, Mycoplasma, Pasteurella, Rickettsia, Salmonella, Staphylococcus and Streptococcus spp. in Calves, Goats, Poultry, Sheep and Swine.

### CONTRA-INDICATIONS :

Hypersensitivity to tetracyclines and/or aminoglycosides.  
Administration to animals with seriously impaired renal or hepatic functions.  
Concurrent administration of penicillins, cephalosporins, quinolones and cycloserine.  
Administration to animals with an active microbial digestion.

### SIDE EFFECTS :

Discoloration of teeth in young animals may occur.  
Hypersensitivity reactions may occur.  
Prolonged application of high doses may result in neurotoxicity, or nephrotoxicity.

### DOSEAGE AND ADMINISTRATION :

For oral administration.

Calves, Goats and Sheep : Twice daily, 1 g per 20 kg body weight for 3 - 5 days.

Poultry and Swine : 1 kg per 1000 litres of drinking water for 3 - 5 days.

**Note :** for pre-ruminant Calves, Lambs and Kids only;  
not for use in lactating animals and layers.

### WITHDRAWAL PERIOD :

For meat :

Calves, Goats and Sheep : 14 days.

Swine : 8 days.

Poultry : 7 days.



## Intracin

Pharmaceutical Pvt. Ltd.

C-1, B-53, G.I.D.C. ESTATE,  
NADIAD-387001 (GUJARAT) INDIA.  
www.intracin.com

