

PF OXYTETRACYCLINE PREMIX 20% W/W POWDER

Composition:

Oxytetracycline (as Oxytetracycline Dihydrate).....200mg
Exp. Qs.....1g

Description

White colour powder

Pharmacodynamic

Oxytetracycline (OTC) is a broad-spectrum antibiotic. Its mode of action is bacteriostatic by inhibition of prokaryotic protein synthesis at the ribosomal level. It is active against Gram-positive and Gram-negative aerobic and anaerobic microorganisms, *Mycoplasma* spp., *Chlamydia* spp., *Leptospira* spp. and Rickettsias. It has little activity against *Salmonella* spp., *Escherichia coli*, *Enterobacter* and *Klebsiella* spp. and has essentially no activity against *Pseudomonas* spp., *Proteus* spp. and yeasts.

Pharmacokinetic

Due to the amphoteric nature of OTC, oral bioavailability is low (<10%). OTC has excellent distribution properties with a Volume of Distribution (Vd) exceeding 1.2 L/kg. The compound tends to concentrate in the lung, liver and kidney. OTC undergoes enterohepatic circulation. It does not appear to be metabolised to any significant degree. The compound is mainly excreted as the parent molecule primarily in the urine but also in the faeces.

Indication

For use as an aid in the control of respiratory diseases caused by bacteria sensitive to oxytetracycline.

Route of Administration

Oral

Recommended dose

20 mg/kg bodyweight per day in feed for 15 days.

The following inclusion rates may be used as a guide to obtaining this dose in normal and inappetent pigs.

Food intake expressed as a percentage of animal bodyweight	Inclusion rate, kg of product per 1000kg of feed
5% (normal)	2 kg
4% (inappetent)	2.5 kg
3% (inappetent)	3.25 kg
2% (inappetent)	5 kg

To ensure thorough dispersion of the product, it should first be mixed with a suitable quantity of feed before incorporation in the final mix. If this product is incorporated in an intermediate feeding stuff, care should be taken to ensure that the intermediate feeding stuff is incorporated at a rate which will yield the same concentration of active ingredient as stated in the dosage schedule.

For incorporation into dry feed at the registered mill.

Contraindication

None.

Distributed by:

PANFAST MARKETING (M) SDN.BHD.

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Interaction with other medicinal products

The presence of high concentrations of divalent or trivalent ions e.g. Ca^{2+} , may reduce absorption of oxytetracycline due to formation of chelates with no antimicrobial activity. This is only a practical consideration in animals fed milk or milk replacer.

Pregnancy and lactation

Not applicable.

Side effects

None known.

Symptoms and treatment of overdose

The safety margin of oxytetracycline in the target species is very wide and toxic signs are unlikely to be seen.

Storage

Store in a cool dry place (<30°C). Strictly avoid light and heat exposure.

Warning and Precaution

Keep out of reach of children / Jauhi ubat dari kanak-kanak

Special warnings for each target species

None.

Special precautions for use in animals

Long term use of this product may lead to development of bacterial resistance and is not recommended. However, the recommended course of treatment should be completed.

Special precautions to be taken by the person administering the veterinary medicinal product to animals

If you know you are allergic to oxytetracycline, do not handle the product. When incorporating into feed, care should be taken not to inhale any dust when handling the product and skin contact should be avoided. It is recommended that a face mask, conforming to EN140 with a filter to EN143, be worn during the dispensing of the product. Hands and exposed skin should be washed thoroughly at the end of the operation.

Shelf life

36 months

Shelf life after opening

24 hours

Shelf life after dilution or constitution

24 hours

Withdrawal period

Animals must not be slaughtered for human consumption during treatment. Pigs may be slaughtered for human consumption only after 5 days from the end of last treatment.

Packaging

25kg

Revised date

03/02/2018

Manufactured by:

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