

## RESTRICTED VETERINARY MEDICINE

Keep out of reach of children

FOR ANIMAL TREATMENT ONLY

# ENGEMYCIN<sup>®</sup>

INJECTABLE AQUEOUS SOLUTION OF OXYTETRACYCLINE

Oxytetracycline 100mg/mL

**100mL and 250mL**

Read entire label before use.

**HANDLING PRECAUTIONS** Warning. May cause eye or skin irritation and may cause an allergic skin reaction. Suspected of damaging fertility or the unborn child and may cause damage to gastrointestinal tract from repeated oral exposure at high doses. Wash hands after handling. Do not breathe vapour.

**FIRST AID** If in eyes rinse cautiously with water for several minutes. If eye irritation persists, get medical advice. If on skin wash with plenty of soap and water. If skin irritation persists, get medical advice. If inhaled remove to fresh air. If exposed or feeling unwell: get medical advice. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

**DISPOSAL** Dispose of any unused product and empty containers by burying in an approved landfill. Avoid release to the environment and avoid contamination of any water supply with product or empty container.

**EMERGENCY RESPONSE** For specialist advice in an emergency call 0800 CHEMCALL (0800 243 622)

See Safety Data Sheet for further information. [www.intervet.co.nz](http://www.intervet.co.nz)

## DESCRIPTION

A patented, injectable aqueous solution of oxytetracycline as a complex with magnesium and polyvinyl pyrrolidone containing 100mg oxytetracycline (as the hydrochloride) per mL.

## PROPERTIES

Oxytetracycline is a broad-spectrum antibiotic with a primarily bacteriostatic effect against numerous Gram-positive and Gram-negative bacteria, rickettsia, mycoplasma and chlamydia. The formulation of Engemycin ensures that it is well tolerated at the site of injection.

## INDICATIONS

The treatment of infections caused by microorganisms sensitive to oxytetracycline in horses, cattle, sheep and pigs. Examples include infections occurring in cases of pneumonia and other respiratory tract infections, metritis, mastitis, urinary tract infections, septicaemia and secondary infections associated with viral diseases.

## DOSAGE AND ADMINISTRATION

Engemycin can be administered either at a dose rate of 3-10 mg/kg (depending on species and age) for a shorter duration of activity (SA), or at a dose rate of 10-20 mg/kg (depending on species and age) for a prolonged duration of activity (PA). SA effect provides a duration of action of 24 hours following a single injection while PA effect provides a duration of action of 48 hours following a single injection. This latter scheme should not be used for intravenous injections.

Not for use in bobby calves.

### Shorter Action Effect

Species	Route	mg/kg	Dose mLs/kg
Cow	i.v./i.m.	3-5	15-25/500
Calf	i.v./i.m.	8	8/100
Horse	i.v./i.m.	5	25/500
Foal	i.v./i.m.	10	10/100
Pig	i.m.	5	2.5/50
Piglet	i.m.	8	0.4/5
Sheep	i.v./i.m.	8	4/50

### Prolonged Action Effect

Route	mg/kg	Dose mLs/kg
i.m.	10	50/500
i.m.	20	20/100
	not recommended	
	not recommended	
i.m.	10	5/50
i.m.	20	1/5
i.m.	20	10/50

In food producing animals, the injection is to be given into the anterior half of the neck.

Intravenous injections should be given slowly over a period of at least one minute.

Normal aseptic precautions should always be taken. Injections may be repeated as required.

Repeat injections should be given at a different site, not more than 20mL should be injected at any one site.

### CONTRAINDICATIONS

1. Allergic reactions have occasionally been observed. Engemycin is contraindicated in patients known to be allergic to oxytetracycline.
2. Not to be administered to horses during therapy with corticosteroids.
3. Following the intravenous administration of high dosages of oxytetracycline, enteritis due to disturbances in intestinal flora may be seen in horses.
4. A transient swelling may be seen in horses following intramuscular injection.
5. Dilution with calcium salts prior to intravenous infusion is not recommended as this may lead to the precipitation.

### WITHHOLDING PERIODS

**It is an offence under the law to sell produce from animals treated with this product with residues that exceed the maximum residue levels in the New Zealand (Maximum Residue of Agricultural Compounds) Food Standard.**

#### *Shorter Action (SA):*

Animals producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 10 days (horses 63 days) of the last treatment.

Cattle & Sheep - Milk intended for sale for human consumption must be discarded during treatment and for not less than 6 milkings or approximately 72 hours following the last treatment.

#### *Prolonged Action (PA):*

Animals producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 14 days of the last treatment.

Cattle & Sheep - Milk intended for sale for human consumption must be discarded during treatment and for not less than 10 milkings or approximately 120 hours following the last treatment.

### STORAGE

Store protected from light at room temperature (i.e. 8 - 30°C.) Do not refrigerate or freeze. Once opened, use within 4 weeks.

ACVM registration No. A3308. See [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions.

Registered to:

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