VETPHARM LABORATORIES (S) PTE LTD FLORCOL 30% ABORATORIES (S) PT Containing Florfenicol 30% Activity)

TION: Contains per litre

Florfenicol

VETPHARM LABORATORIES

COMPOSITION: Contains per litre

VETPHARM LABORATOR

VETPHARM LABORATO Florfenicol 300g activity Pyrrolidone......250ml Propylene Glycol......300ml Anhydrous Ethanol.....50ml Polyethylene Glycol 400 adds up to......1000ml

Florcol 30% Oral Solution is a new and highly effective antimicrobial. It is described as the 3rd generation of chloramphenicol with the enhanced activity but minus the notorious at 1 Oral Solution is a colorless to light yellow clear liquid with Florfenicol 30% w/v. 105.0% w/v of the label stated amount of florfenicol. Florcol 30% Oral Solution is to be stored in an air-tight container and protected from light

PHARMACODYNAMICS:

Florfenicol acts by interfering with bacterial protein synthesis. It binds reversibly to the 50-S subunit of the 70-S ribosome in the presence of Ca and Ng ions and so impairs peptidyl transferase activity. Florfenicol is mainly bacteriostatic but in high concentration it may be bactericidal for some species. Its range of activity is similar to that of tetracycline and includes Gram-positive and Gram-negative bacteria, Rickettsia spp., and Chlamydiaceae. The sensitivities of Salmonella typhi, Haemophilus influenzae, and Bacteroides fragilis to chloramphenicol have dictated the principal indications for its use. Florfenicol is active when given orally and, unlike most other antibacterials, it diffuses into the CSF even when the meninges generation of veterinary medicine.

Thiamphenicol, Florfenicol has a activity, excellent are not inflamed. The majority of a dose is inactivated in the liver, only a small proportion appearing unchanged in the urine. Florfenicol belongs to a new Comparing to Chloramphenicol and Thiamphenicol, Florfenicol has a broader anti-microbial spectrum, stronger in resistance, low toxicity, no risk of aplastic anemia. Florfenicol has greater advantage than many commonly used antihiotics. It is offertive: Oxytetracycline, Amoxicillin and Quinolones. infection that is resistant towards Chloramphenicol, Thiamphenicol, Tetracycline,

Florfenicol is absorbed from the GIT. Approximately 40-60% is bound to the plasma protein albumen. The unbound fraction diffuses easily into all the control of the plasma. ACTION ARORATORIES (S) PTELT



BORATORIES (S) PTELTD concentrations of Florfenicol are bound in the liver and kidneys. Concentration of about 50% of the plasma concentrations are reached in the cerebrospinal fluid and aqueous humors. Florfenical is mainly asset to the cerebrospinal fluid and mainly via the kidneys and some from the bile. A small amount of Florfenicol could be found in the faeces, because of enterohepatic cycling

VETPHARM LABORATURIES 15

Florcol 30% Oral Solution is the First-Choice drug for treating bacillosis in poultry VETPHARMLABORATO and Actinobacillus pleuroneumoniae (App) in swine. Florcol 30% Oral Solution is also effective in treating many bacterial infections and especially E. coli, CCRD and Salmonellosis etc.

VETPHARM LABORATURIES

- 1. Broad Spectrum of antibacterial action

 2. Higher potential 2. Higher potency than many commonly used antibiotics
 - 3. No record of resistance or cross-resistance
 - 4. Fast acting and long acting
 - 5. Able to penetrate blood-brain barrier
 - 6. No harmful effect on humans and food consumption

USAGE: For use in infections caused by both Gram-positive and Gram-negative bacteria like Pasteurella multocida, Pasteurella haemolytica, Haemophilus parasuis, broachiseptics. Streptococcus. Actinobacillus pleuroneumoniae. Bordetella Staphylococcus, E. coli, Mycoplasma, Salmonella, Clostridium etc.

DOSAGE: By Oral Route

ABORATORIES

MLABORATOR

Poultry: 1ml per 5 litres of water or 100ml per 500 litres of water for 4-5 days

Calves: 0.5ml per 10Kg bodyweight for 5 to 7 days

ORIES (S) PTELTD Excessive use of Florfenicol can cause hypersensitivity.

Do not administer to animals with renal impairment.

Do not administer to animals with renal impairment. PHARM LABORATORIES (S) PTELTD Do not administer to animals with sensitivity towards chloramphenicols Pregnant animals or lactating animals should be avoided Do not administer while vaccination is given or narcotic is given

VETPHARM LAWARNING AND PRECAUTION

2. Do not exceed the stated dose or dosage period ARORATORIES (S) PTEL

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BORATORIES (S) PTELTD 3. Avoid concomitant administration with other antibiotics and especially the quinolones.

VETPHARM LABORATORIES

Florfenicol may delay the absorption of a number of co-administered drugs which are metabolised and inactivated in the liver such as pertoborbing steroidal anti-inflammatory drugs and the coumarin derivatives. Florfenicol may also interact with iron preparations, folic acid and vitamin B12, narcotic drugs and a number of antibiotics like Flumequine, cephalosporins and aminoglycosides. Florfenicol may be used with Bromhexine and Colistin which could enhance its antimicrobial activity.

Avoid usage of Florcol 30% Oral Solution is pregnant and lactating Not to be used for layers laying eggs for human consumption.

SIDE EFFECTS: Avoid usage of Florcol 30% Oral Solution is pregnant and lactating animals.

VETPHARM LABORATURIES

as a result of atrophy of the intestinal villi. Prolonged and excessive of treatment may lead to bone marrow suppression and immuno suppression.

SYMPTOMS AND TREATMENT OF Hypersensitivity, stomatitis and GIT disturbances may occur in some cases. This is as a result of atrophy of the intestinal villi. Prolonged and excessive overdose

A mild overdose will not have any significant or lasting problem. However, if excessive dose of Florcol 30% Oral Solution is given, it will affect the kidneys possibly causing poor kidney function or even kidney failure. The typical symptoms would include the usual side effects but more severely like hypersensitivity rashes, nausea, vomiting and diarrhea. In the event of recent acute overdose, the stomach should be emptied by inducing vomiting or by gastric lavage, and the animals carefully observed and given symptomatic and supportive treatment. Usage of we useful. Dialy

WITHDRAWAL PERIOD:

7 Days prior to slaughter

10 days 7 diuretics could be useful. Dialysis, if necessary, could be used as the last resort.

VETPHARM LABORATORIES (S) PTE LTD 10 days prior to layers laying eggs for human consumption

Store in an airtight container and protected from light.

PROPOSED SHELFT IAD

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Manufactured by: Vetpharm Lab (S) Pte Ltd 27, Tuas Ave 13, #01-25 Singapore 638993 VETPHARM LABORATO

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VETPHARM LABORATURIES VETPHARM LABORATURIES ORATORIES (S) PTELTD VETPHARM LABORATORIES (S) PT Distributor: ADVANCE ANIMAL SCIENCE COMPANY LTD VETPHARM LABORATORIES 149-A. DIT EXTENSION ROAD LTD MOTIJHEEL LABORATORIES (S) PTELTD DHAKA 1000. BANGLADESH RMLABORATO SIPTELTO Florfenicol Drug Nomenclature Date of monograph revision: 11-Jul-1997; 18-Aug-1998; 04-Apr-2000; 10-Aug-2001; 05-Noy-2002; 25-2006 ARM LABORATORIES (S) PTE LTD VETPHARM LABOR Synonyms: Florfenicol; Florfenicolum; Florfenikol; Florfenikoli; Sch-25298 BAN: Florfenicol USAN: Florfenicol ATORIES (S) PTHAN: Florfenicol [rINN (en)]

INN: Florfénicol [rINN (es)] INN: Florfénicol [rINN (es)]
INN: Florfénicol [rINN (fr)]
INN: Флорфеникол [rINN (ru)]
Chemical name: 2,2-Dichloro-N-[(αS,βR)-α(fluoromethyl)-β-hydroxy-4-methanesulfonylphenethyl]acetamide BORATORIES (S) PTE Molecular formula: C12H14Cl2FNO4S CAS: 76639-94-6 M LABORATORIES (S) PTELTD PHARM LABOR ATORIES (S) PTELTD
Florfer Chemical Structure of Florfenicol VETPHARM LABORATORIES (S) PTELTD Florfenicol, a fluorinated analogue of chloramphenicol, is an antibacterial used in veterinary VETPHARM LABORATORIES (S) PTE -TOLLADANI ARORATORIES (S) PTELTD -TOLINDANI ARORATORIES (S CICIPTELTD