

ERYPLUS 300 mg/g Water Soluble Powder

(FOR VETERINARY USE ONLY)

COMPOSITION

Each g contains

Erythromycin Thiocyanate 300 mg
(246 mg Erythromycin base)

Exp q.s to 1 g

PRODUCT DESCRIPTION

The finished product is a red color powder.

TARGET SPECIES

Broilers up to 6 days of age

Birds intended as replacement layers up to 6 days of age

Broiler-Breeders of any age

PHARMACODYNAMIC

Erythromycin is a macrolide antibiotic with a bacteriostatic action against a wide range of bacteria, although it also has a bactericidal action against certain pathogenic organisms. It is highly active against gram-positive bacteria and at low concentrations it inhibits many other types of micro-organisms. In addition to the gram-positive bacteria, most strains of *Neisseria* and *Haemophilus* are sensitive as are some strains of *Bordetella*, *Brucella*, *Pasteurella*, *Listeria*, *Actinomyces*, *Mycoplasma*, *Rickettsia*, certain large viruses and *Treponema pallidum*.

Erythromycin exerts its effect only against multiplying bacteria. It inhibits protein synthesis by binding to 50 S ribosomal subunits of sensitive micro-organisms. Certain resistant micro-organisms with mutational changes in components of this subunit of the ribosome fail to bind the drug.

PHARMACOKINETIC

Erythromycin is absorbed rapidly when administered orally and diffusion occurs into most tissues and fluids. Elimination of erythromycin occurs primarily

through hepatic metabolism and the remainder is excreted in active form in the urine and bile.

INDICATIONS

For the treatment of Chronic Respiratory Disease caused by *Mycoplasma* infection

WARNINGS AND PRECAUTIONS

Special warnings for each target species

None

Special precautions for use

i. Special precautions for use in animals

The water system to which the product is added must be in good working order and the header tanks and troughs must be free of dust, algae or other particulate matter. Official, national and regional antimicrobial policies should be taken into account when the product is used. Due to a lack of information on the fate and effects of erythromycin in the environment veterinary surgeons prescribing this product under the cascade should satisfy themselves that there will be no adverse impact on the environment.

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

Do not eat, drink or smoke while preparing the diluted formulation or while animals are being treated. In case of contact with eyes, rinse immediately with clean water and seek medical advice if irritation persists. Wash hands and exposed skin after use.

- Keep medicine out of reach of children.

- Jauhkan ubat dari kanak-kanak

CONTRA-INDICATIONS

Any medicated drinking water which is not consumed within 24 hours should be discarded.

ADMINISTRATION & DOSAGE

For oral administration via the drinking water
Mix 67 g Eryplus 300mg/g Water Soluble Powder
per 64 liter of drinking water and administer
continuously for 1-5 days (approximately 25.5 mg/kg
Erythromycin bodyweight per day). Slowly add 67 g
to not less than 3.2 liter of clean, cold drinking water,
stirring continuously until completely dissolved. This
solution should then be added to more drinking water
to make up a total volume of 64 liter.

**INTERACTION WITH OTHER
MEDICAMENTS**

None reported

PREGNANCY AND LACTATION

Not applicable

OVERDOSE AND TREATMENT

No information available

SIDE EFFECT

None reported

WITHDRAWAL TIME

Chickens: 6 days.

Eggs: 6 days.

SHELF LIFE: 36 months

SHELF LIFE after first opening & reconstitution:

24 hours

STORAGE

Store in a cool dry place ($\leq 30^{\circ}\text{C}$). Strictly avoid light
& heat exposure.

PACKAGING

The powder filled 100 g in aluminum sachets

DATE OF REVISION: 02 December 2020

Manufactured By:

SHENNONG ANIMAL HEALTH (M) SDN BHD
神農動物保健(馬)有限公司
No. 2, 4, 6, 8 & 10, Jalan Industri USJ 1/19,
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