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Animal health & nutrition

FOSBAC

WORLD CLASS ANTIBIOTIC

for healthier animals

FOSBAC™

- **treats** systemic and respiratory bacterial diseases efficiently
- **reduces** damage caused by secondary bacterial infection
- **simplifies** treatment regime

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FOSBAC™ is a broad-spectrum, energizing antibiotic compound developed by BEDSON for the treatment of systemic and respiratory bacterial diseases caused by most gram- and gram+ bacteria. It reduces the damage caused by mild to severe secondary bacterial infections.

COMPONENTS

FOSFOMYCIN is an antibiotic produced by *Streptomyces fradiae* and classified under the Phosphonic Acids group of organic antibiotics. It has a broad spectrum antimicrobial activity and acts as a bactericidal agent against most aerobic Gram- and Gram+ bacteria.

FRUCTOSE-1,6-DIPHOSPHATE (FDP) is an important naturally occurring intracellular metabolite that plays an important role in potentiating the antimicrobial effect of Fosfomycin, decreasing its MIC values and accentuating the decrease in bacterial growth.

ELECTROLYTES play an important role in the rehydration process of sick animals.

UNIQUE FEATURES

HIGH EFFICACY,
after more than 30 years of continuous worldwide use, FOSBAC™ still shows efficacy rates superior to 95% against a wide range of Gram- and Gram+ bacteria.

SHORT WITHDRAWAL PERIOD,
98% of the administered dose is eliminated within 24 hours. The remaining 2% are flushed out in 72 hours, with no residues observed in blood, organs or tissues.

NO CROSS-RESISTANCE,
it shows no cross-resistance to other antibiotic classes.

EXCEPTIONAL ABSORPTION,
97% of the administered dose is absorbed through the gut and the digestive system.

EXCELLENT DIFFUSIBILITY,
it can reach joints, abscesses and other areas of poor vascularization due to its small molecular weight.

NON-TRANSFORMABLE,
it does not bind to plasma proteins and does not undergo any transformation. Hence it is excreted unchanged in both urine and feces without forming toxic metabolites.

INDICATIONS

FOSBAC™ is indicated for the treatment of secondary bacterial infections caused by bacteria such as *Actinobacillus*, *Bordetella*, *Citrobacter*, *Clostridium*, *Enterobacter*, *Escherichia coli*, *Haemophilus*, *Klebsiella*, *Ornithobacterium*, *Pasteurella*, *Proteus*, *Pseudomonas*, *Salmonella*, *Shigella*, *Staphylococcus*, *Streptococcus* and *Vibrio*, among others.

COMPOSITION:
Active ingredients: Calcium Fosfomycin (25%),
Support ingredients: Fructose-1,6-diphosphate, Inorganic Salts.

ADMINISTRATION: Administer orally dissolved in drinking water.

SPECIES: All animal species.

RECOMMENDED DOSE: 160 mg/kg body weight. Lower dose may be prescribed at the sole discretion of the veterinarian in charge.

PRESENTATION: 160 g, 1 kg, 5 kg, 30 kg.