

SCOUR – X ORAL SUSPENSION

For Veterinary Use Only

COMPOSITION:

Each ml contains	
Sulphadiazine.....	35.500mg
Sulphadimidine.....	28.400mg
Neomycin Sulphate.....	1.800mg
Hyoscine N-butylbromide.....	0.040mg
Pectin.....	7.100mg
Kaolin.....	103.300mg
Vitamin B1.....	0.150mg
Vitamin B2.....	0.220mg

PHARMACOLOGICAL DATA:

SULPHADIAZINE which is a sulphonamide derivative and is structural analogue of para amino benzoic acid (PABA), and competitively inhibits an enzymatic step during which PABA is incorporated into the synthesis of dihydrofolic acid. This results in the suppression of enzyme synthesis; the impairment of metabolic processes and the inhibition of the growth and multiplication of the organisms is blocked. Sulphadiazine due to its mode of action is most effective in the early stages of acute infections when organisms are rapidly multiplying. It inhibits the growth of both gram +ive and gram -ive bacteria, a few chlamydia, nocardia and actinomycetes species and also some protozoa such as coccidia, and toxoplasma species.

SULPHADIMIDINE which is also a sulphonamide and acts almost in similar way to that of sulphadiazine. It is most effective when given early in the course of disease and in severe infections. Treatment should be initiated as early as possible in the course of the disease and a sufficient high initial dose should be given to achieve adequate levels of the free dissolved fractions at the sight of infection. It has a wide spectrum of activity and cover infectious diseases of the digestive and respiratory tract, septicemia, secondary infections, peritonitis, mastitis, and metritis. Sulphadimidine along with sulphadiazine is particularly suitable for the indications like foot rot, coccidiosis, actinomycosis, scours, calf diptheria, polyarthritis, naval ill, enteritis, pneumonia, rhinitis, respiratory diseases, urinary tract infections and polyarthritis.

NEOMYCIN SULPHATE in the formulation is well known most stable, extremely potent, fast acting broad spectrum antibiotic and antibacterial with wide activity against gram +ive and gram -ive organisms and a great number of actinomycetes which causes various diseases. It has been proved effective against infections of the gastrointestinal system caused by E.coli, Salmonella species, Proteus species, Clostridia species and shigella species. It is indicated for oral use in animals for prevention and treatment of diseases associated with the organisms susceptible to the antibacterial activity of Neomycin Sulphate. It is indicated in bacterial enteritis (scours, diarrhoea, bloody dysentery, vibronic dysentery, winter dysentery, white scours, colibacillosis, salmonellosis, diarrhoea caused by E.coli, Vibrio and salmonella organism). It is bactericidal at recommended concentration and have continued activity even in the presence of intestinal contents including enzymes, bacteria, necrotic tissue and changes in the acid alkaline balance. It is non irritation and non toxic at recommended dosage and remains active in the gastro intestinal tract to exert its effect.

HYOSCINE N-BUTYLBROMIDE has distinguishing feature due to quaternary nitrogen, which does not cross the blood brain barrier and does not produce the central excitement as seen with other alkaloids. It is quaternary antispasmodic with increased gut specificity of antimuscarinic effect. It inhibits the muscarinic actions of acetylcholine, resulting in relaxation of the gastrointestinal tract smooth muscle, reduction in tone, inhibition of ruminal motility, and blockage of secretion. It is most effective in horses, suffering from colic, due to its wide spread activity through out the body and inhibition of peristaltic activity.

KAOLIN & PECTIN. Kaolin contains colloidal aluminium silicate, which when hydrated, forms into a gel. Pectin on the other hand is a complex polysaccharide and together with Kaolin is the most potent absorbant with a rapid action and a high capacity of adsorption. Both are useful agents for the emergency treatment of poisoning (to absorb the toxin). The combination is useful to treat bacterial enteritis and as protective in diarrheic states. They act to coat the intestine and protect it from further irritation. Owing to this property, they protect the inflamed mucosa, allowing time for healing.

INDICATION:

Scour – X is recommended for scours (Diarrhoea) in all animals including cattle, horses, sheep and goat, dog and cats. It effectively controls and treat enteritis of bacterial origin, especially scours in calves, foals and other animals caused by salmonella and colic form organism. It is also effective against necrotic enteritis and will provide anti bacterial activity without increased risk of renal damage.

DOSAGE & ADMINISTRATION

Dosage Form: "Oral"

Route & Conditions of Administration:

The normal dose is 6ml per 5Kg body weight of animal.			
Sheep / Goat		Cattle	
6ml / 5kg body weight		120ml/100kg body weight	
Body Weight	Dose	Body Weight	Dose
10Kg	12ml	100Kg	120ml
20Kg	24ml	150Kg	180ml
30Kg	36ml	200Kg	240ml
40Kg	48ml	250Kg	300ml
45Kg	54ml	300Kg	360ml
		350Kg	420ml
Sheep & Goat above 45 Kg should be given a further 6ml for each additional 5 Kg		Cattle and buffalo above 350Kg should be given a further 30ml for each additional 25Kg	
Poultry: 3ml per 1 Liter of Drinking Water.			

TOXICOLOGICAL DATA:

Do not use kaolin and pectin combination to treat your diarrhea if you have a fever or if there is blood or mucus in your stools without the veterinarians consultancy. Do not keep outdated medicine or medicine no longer needed. Be sure that any discarded medicine is out of the reach of children.

Precautions While Using This Medicine

Check with your veterinarian if diarrhea does not stop after 1 or 2 days. If taking any other medicine, do not administer it within 2 to 3 hour of using Kaolin and Pectin. Using the medicines together may prevent the other medicine from being absorbed by body.

Side Effects of This Medicine

Along with its needed effects, a medicine may cause some unwanted effects. No serious side effects have been reported for this medicine. However, this medicine may cause constipation.

Other side effects not listed above may also occur. If you notice any other effects, check with your veterinarian.

Warnings:

1. For animal treatment only
2. Don't administer to animals with severe liver damage
3. Shake well before use.
4. Store between 15-25°C in cool and dry place.

Withdrawal Time: Meat: 14 Days

Selmore's Specs



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