

ALBENSEL

SC Drench

For Veterinary Use Only

COMPOSITION:

Each ml contains
 Albendazole.....50 mg
 Cobalt Sulphate..... 3.82mg
 Sodium Selenite..... 0.35mg

INDICATIONS:

ALBENSEL-SC Drench is indicated for the control and treatment of Gastro-intestinal round worms, lung worms, tape worms and all stages of liver flukes. Addition of cobalt and Sodium Selenite helps in reducing their deficiencies in animals and to get health, shiny growth of hairs, wool and skin.

ALBENSEL-SC Drench is indicated for the prophylaxis and treatment of worm infestation in cattle, buffalo, sheep, goat, horses and poultry like;

Adult Liver Flukes	Fasciola hepatica, Fascioloides magna
Heads and Segments of Tapeworms	Common Tapeworm (Moniezia expansa), Fringed Tapeworm (Thysanosoma actinioides)
Adult and 4th Stage Larvae of Stomach Worms	Brown Stomach Worm (Ostertagia circumcincta, Marshmallia marshalli), Barberpole Worm (Haemonchus contortus), Small Stomach Worm (Trichostrongylus axei)
Adult and 4th Stage Larvae of Intestinal Worms	Thread-necked Intestinal Worm (Nematodirus spathiger, N. filicollis), Cooper's Worm (Cooperia oncophora), Bankrupt Worm (Trichostrongylus colubriformis), Nodular Worm (Oesophagostomum columbianum), Large-mouth Bowel Worm (Chabertia ovina)
Adult Stages of Intestinal Worms	Hookworm (Bunostomum phlebotomum), Bankrupt Worm (Trichostrongylus colubriformis), Nodular Worm (Oesophagostomum radiatum)
Adult and 4th Stage Larvae of Lungworms	Dictyocaulus viviparus
Adult and Larval Stages of Lungworms	Dictyocaulus filarial

PHARMACODYNAMICS:

Albendazole is a benzimidazole carbamate which has broad spectrum activity including helminthes as well as protozoa. Benzimidazole selectively bind to parasitic β -tubulin, inhibits polymerization and stops cell division. Impaired uptake of glucose leads to depletion of glycogen which causes parasite to starve to death. In ruminants oral dose of albendazole is readily absorbed from the gut and the principally metabolized by first pass oxidation. The additional ingredients of cobalt and selenium overcome mineral deficiencies, improve health and give shine to hair, wool and skin of the animals.

PHARMACOKINETICS:

The pharmacokinetics of albendazole have been extensively studied in both the target species as well as in laboratory animals (mice and rats) and in humans for comparative purposes. A number of general characteristic pharmacokinetic features have arisen from these studies:

Elimination from the tissues is rapid, no retention in deep compartments of the body has been described. There is an enterohepatic cycle, but its effect on the rate of elimination from tissues seems to be quantitatively minor. Following oral administration, benzimidazoles are always extensively metabolized by mammals. Metabolites from oxidation and hydrolysis, which are more soluble than the parent molecule, prevail in blood, tissues, bile, and urine.

DOSAGE AND ADMINISTRATION:

Cattle, Buffalo, Camel & Horse:

12 - 13 ml per 100 kg body weight

For Liver flukes; 25 ml per 100 kg body weight

Sheep & Goat:

2 ml per 20 kg body weight

For Liver flukes; 4 ml per 20 kg body weight

Poultry: 2 ml per 10 kg body weight

CONTRAINDICATIONS:

Don't administer to female animals during first 45 days of pregnancy.

PRECAUTIONS:

Accurate estimates of body weight are essential for most effective results.

Shake well before use.

Consult the veterinarian before use.

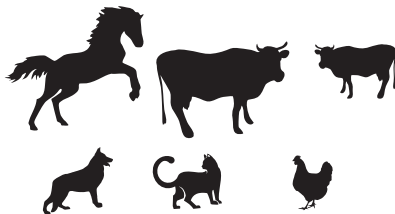
Keep out of the reach of children.

Store between 15 - 25°C in a cool and dry place.

WITHDRAWAL TIME:

Meat: 7 days.

Selmore's Specs



Manufactured by:
 Selmore Pharmaceuticals (Pvt) Ltd.
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ISO CERTIFIED COMPANY