

## VITAMINS AND SUPPLEMENTS USED IN LARGE ANIMAL MEDICINE

TRADE NAME	ACTIVE INGREDIENT	DOSAGE mg/kg	INDICATIONS	ROUTE OF ADMINISTRATION	TOXIC EFFECTS	WITHDRAWAL TIME
<b>Hepavikel</b>	Thiamine hydrochloride 10 mg (Vit. B1) - Riboflavin sodium phosphate 5.4 mg (Vit. B2) - Pyridoxine hydrochloride 4 mg (Vit. B6) - Cyanocobalamin 10 mcg (Vit. B12) - Nicotinamide 25 mg - Dexpanthenol 5 mg	Foal, Calf, Piglet: 1 ml/5-10 kg IM, SC Adult Pigs: 1 ml/20 kg IM, SC	Treatment of deficiencies of vitamins of the B group Valuable support during periods of high performance, especially in young animals Useful in case of anorexia, growth retardation and during the recovery period from diseases such as enteric infections, parasitic infestations, anaemias of whatever origin, liver diseases and also in nervous disease (e.g. neuritis, polyencephalomyelitis)	IM, SC	None specified	None
<b>Vedco Vitamin B complex injection</b>	Vitamins B1, B2, B6, B12	1-5 ml/45kg	As a supplemental source of B complex vitamins for use in the treatment of deficiencies of these vitamins in cattle, sheep and horses.	IM, SC	None specified	None
<b>Vedco injectable iron</b>	Iron Dextran	Pigs: At 2- 4 day old give 100mg or 1ml IM	Prevention and treatment of iron deficiency anemia in neonatal food producing animals, namely pigs	IM	Hypersensitive animals. Any anemia other than iron deficiency. Acute renal infections. Do not use in conjunction with oral iron supplements.	None
<b>Vitamin K1 injection</b>	Phytonadione	<b>Cattle, Calves, Horses, Swine, Sheep, and Goats:</b> Acute hypoprothrombinemia (with hemorrhage) and Non-acute	Indicated in coagulation disorders which are due to faulty formation of factors II, VII, IX and X when caused by vitamin K deficiency or interference with vitamin K activity.	IM, SC	Hypersensitivity	None

		hypoprothrombinemia - 0.5-2.5 mg/kg subcutaneously OR intramuscularly.	VITAMIN K1 INJECTION is indicated in cattle, calves, horses, swine, sheep, goats, dogs, and cats to counter hypoprothrombinemia induced by ingestion of anticoagulant rodenticides.			
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