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| Vitamins and Supplements | | | | | | |
| **Generic/Brand Name** | **Active Ingredient(s)** | **Use** | **Dosage and Administration** | **Contraindications** | **Withdrawal Times (WDT)** | **Side Effects** |
| Aminolean | * Dextrose 5 g * Potassium chloride dihydrate 15 mg * Potassium chloride 20 mg * Magnesium sulfate trihydrate 20 mg * Sodium acetate trihydrate 250 mg * Thiamine HCl 10 mg * Nicotinamide 150 mg * Pyridoxine HCl 10 mg * Vitamin B12 5 mcg * Riboflavin 5-phosphate sodium 4 mg * D-panthenol 5 mg * Casein hydrolysate | Aids in the supportive treatment of debilitated animals. As well as cattle, swine and horses with severe diarrhea.  Counteracts the protein, electrolyte and vitamin loss associated with these conditions. | Administration:  Cattle and swine- Intravenous (IV) or Intraperitoneal (IP)  Horses- Intravenous (IV) only  Dosage:  Mature cattle, horses & swine- 2 mL/kg Calves, foals & piglets- 5 mL/kg | No contraindications observed | No withdrawal period observed | * Nausea * Distress |
| Dextrose 50% | * Dextrose as monohydrate 50 g * Purified water q.s. | Supplemental source of dextrose for the treatment of:   * Glucose deficiencies in cattle, horses, sheep and swine. * Acetonemia (ketosis) in cattle * Pregnancy disease in sheep | Administration:  Cattle, sheep & swine- Intravenous (IV) or Intraperitoneal (IP)  Horses- Intravenous (IV) only  Per os (PO) as a drench or stomach tube Dosage:  Mature cattle & horses- 250 - 500 mL Mature sheep & pigs- 50 - 150 mL | No contraindications observed | No withdrawal period observed | No undesirable effects are to be expected when the prescribed dosage regimen is followed. |
| Calmasol- 440 | * Calcium gluconate 380 mg * Magnesium chloride hexahydrate 60 mg * Boric acid 50 mg | Treatment of acute hypocalcaemia, complicated by deficiency of magnesium | Administration:  Cattle, sheep and pigs- Intravenous (IV)  Mature cattle- 20 - 30 mL | Contraindicated in cases of:   * Hypercalcaemia and hypermagnesemia * Calcinosis in cattle and sheep * Following administration of high doses | No withdrawal period observed | A transient hypercalcaemia can develop:   * Initial bradycardia * Agitation * Muscular tremors |

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|  |  |  | Calves, sheep & pigs - 3-4 mL/10 kg | of vitamin D3   * Chronic kidney insufficiency * Circulatory or cardiac disorders * Cattle suffering septicaemic processes in the course of acute mastitis in cattle * Simultaneous administration or administration shortly after inorganic phosphate solutions |  | * Salivation * Increased respiratory rate |
| Intrafer-200 | * Iron (iron dextran) 200 mg * Vitamin B12, cyanocobalamin 200 μg * Excipients ad 1 ml | Prophylactic treatment of iron deficiencies and iron deficiency anaemia in calves and piglets | Administration:  Intramuscular (IM) or subcutaneous (SQ)  Dosage:  Calves- 2-4 mL  Piglets- 1 mL | Contraindicated in cases of:   * Vitamin E deficiency * Diarrhoea * Combination with tetracyclines | No withdrawal period observed | - Muscle tissue is coloured temporarily by this preparation |
| Vitol-450 | * Vitamin A 300000 IU * Vitamin D3 100000 IU * Vitamin E 50 mg. * Excipients ad 1 ml. | Treatment or prevention of vitamin A, D3 and E deficiencies, stress, and improvement of feed conversion in farm animals. | Administration:  Intramuscular (IM) or subcutaneous (SQ)  Dosage:  Mature cattle & horses- 4 mL Calves and foals- 2 mL Goats and sheep- 1 mL  Pigs- 2-3 mL  Piglets- 0.5 - 1 mL | No contraindications observed | No withdrawal period observed | No undesirable effects are to be expected when the prescribed dosage regimen is followed. |
| Introvit | * Vitamin A 150000 IU * Vitamin D3 7500 IU * Vitamin E 20 mg * Vitamin B1 10 mg * Vitamin B2 5 mg * Vitamin B6 3 mg * Vitamin B12 60 μg | Treatment of prevention of vitamin or amino acid deficiencies, stress, and improvement of feed conversion in farm animals. | Administration:  Intramuscular (IM) or subcutaneous (SQ)  Dosage:  Mature cattle- 10 - 15 mL Goats and sheep- 5 - 10 mL Pigs- 2-10 mL | * Calves * Horses * Foals * Kids * Lambs | No withdrawal period observed | Hypersensitivity reactions may occur. |