



**PRODUCT INFO
& DATASHEET**

Nutritional Water Soluble Powder

SICOVIT K₃ 200 SP *Vitamin K₃ Soluble Powder*

1. Formula :

Composition per kg : Vitamin K₃ (Menadione Sodium Bisulfite) 400 g
Excipients Pharmatose q.s.

2. Description:

Vitamin K is a cofactor in the post-ribosomal synthesis of clotting factors including factor II (prothrombin, VII (proconvertin), IX (plasma thromboplastin component) and X (Stuart factor), as well as of proteins C and S that are involved in the production and inhibition of thrombin. Vitamin K hypovitaminosis results in hypoprothrombinemia, which in turn leads to prolonged bleedings, large haematomata and the development of severe haemorrhagic anemia and haemolytic jaundice. Menadione (synthetic vitamin K₃) is absorbed by diffusion in the distal portions of the small intestine and colon, and metabolized to the diol (hydroquinone) form and excreted as glucuronide and sulphate conjugates.

3. Indications:

SICOVIT K 20% SP is indicated in the treatment and prevention of haemorrhages associated with vitamin K deficiency or intestinal parasitic infections such as coccidiosis, and as an antagonist for anticoagulant poisoning (e.g. due to rodenticide toxicity, sweet clover poisoning or treatment with sulfaquinoxaline) in calves, cattle, goats, poultry, sheep and swine.

4. Conra Indications:

Hypersensitivity to menadione sodium bisulfite.

Administration to horses (especially intravenously) or to animals with seriously impaired renal and/or hepatic functions

5. Side effects:

Overdosage of menadione may result in anaemia, polycythemia, splenomegaly, renal and hepatic damage and, in extremely rare cases, death.

6. Dosage:

For oral administration.

Calves, cattle, goats and sheep	:	0.5 g per 50 -100 kg body weight for 3 - 21 days.
Poultry	:	500 g per 12,000 litre drinking water for 3 - 21 days.
Swine	:	500 g per 5,000 - 10,000 litre drinking water for 3 - 21 days.

7. Withdrawal times:

None.

8. Warning:

Keep out of reach of children.

9. Packing:

Sachet of 100 g and jar of 500 and 1000 g.