



**PRODUCT INFO
& DATASHEET**

SICOVIT VITAMIN K (MPB)

MENADIONA DIMETHYLPYRIMIDINOL BISULFITE (M.P.B)

PRODUCT DESCRIPTION

M.P.B. is the most active and stable form of Vitamin K known. White or white to cream coloured powder, non hygroscopic, water soluble. Neither toxic nor irritant to skin, so its handling is easy and advantageous. SICOVIT Vit. K is menadione dimethylpyrimidinol bisulfite at 98/100 % with a content of 46 % menadione pure. It is known internationally as M.P.B. Due to its menadione content, 1 kg SICOVIT Vit. K equals to 1 kg Vitamin K coated but it has a better stability, because it is a chemical defined compound that makes all uniform, while the stability in vitamin K depends on how the coating was made, size of particles, number of them which remain uncoated etc... This means that if a perfect coating is not accomplished then stability is very low. When comparing SICOVIT Vit. K with normal Vitamin K3 (Menadione Bisulfite Sodium), the stability of the first one is four times higher.

- Incompatibilities : none.
- Analytical method: Can be accomplished by the same method used with Menadione Sodium Bisulfite. The control of the vitaminic activity must be accomplished with biological methods on chickens.

ADVANTAGES

- Much more economical.
- No reaction with any other feed compound: neither furans nor minerals.
- Not irritant to skin, so its handling is easy.
- Watersoluble.
- Same price as other Vitamin K sources.

INDICATIONS

- In all kind of poultry and porcine cattle feed.
- To reduce hemorrhages caused by cannibalism and coccidiosis.
- To prevent hemorrhages caused by sulphamidal treatments.

USE & DOSAGE

In granular and meal feeds. In drinking water. In medicamental solutions.

Poultry : 2 g per 1,000 kg feed since first days of life until slaughtering, without interruption.

Porcine cattle : 0.5 g per 1,000 kg feed since first days of life until slaughtering, without interruption.

STORAGE & STABILITY

Preferable in a fresh and dry place. SICOVIT Vit. K is stable and preserves all its activity for 3 years when kept in the original packing. In premixes and feeds, SICOVIT Vit. K conserves all its activity for 6 months. After this period, its activity starts decreasing and preserves the 90 % for 2 years. In granular feeds keeps the 80 % activity for 3 months. Making a valuation of its activity and stability, we can say that: 1 kg M.P.B equals to 2 kg Vitamin K coated, to 3 kg M.S.B.C. and to 2 kg M.S.B.

PACKING

50 kg drums.