

PRODUCT INFO
& DATASHEET

SICO VITAMINS

VITAMINS

Vitamins are organic substances which are necessary for the proper operation of vital functions in humans and other animals. They are essential for maintaining the health and productivity of livestock and must be provided in the diet, since the animal body is generally incapable of synthesising its own vitamins.

If one or more vitamins are absent from the diet or supplied in inadequate amounts, many metabolic processes are impaired, leading to productivity problems, retarded growth, reproductive disorders and other diseases. We depend upon modern methods of intensive livestock husbandry to provide enough good for our growing population and only the planned use of vitamin supplements has made this possible.

Without exception, all the vitamins used today as additives in animal feeds are manufactured industrially by chemical or microbiological processes. They are identical to naturally occurring vitamins and exert the same beneficial effects; indeed, because of the use of special formulations they are actually superior in some cases. Some of the natural vitamins are very unstable, including vitamin E, vitamin K and -carotene (provitamin A). Manufactured vitamins, on the other hand, are often stabilised by special processes so that they retain their biological activity in feeds even after long periods of storage. Vitamins manufactured on an industrial scale represent exceptional value for money and the costs of adding extra vitamins to compound feeds are negligible when compared with the advantages of guaranteed productivity and freedom from disease.

SAP INTERNATIONAL CORPORATION BVBA supplies a wide range of vitamins both feedgrade and for veterinary use of selected major producers :

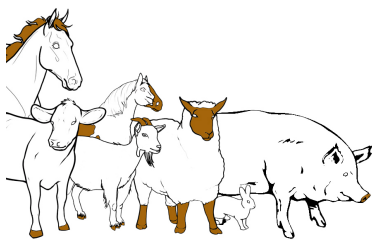
A selection from our range :

- Vitamin A acetate 500,000 I.U./g coated
- Vitamin A acetate 750,000 I.U./g coated
- Vitamin A palmitate 325 cold water soluble
- Vitamin A palmitate 1,700,000 I.U./g (veterinary use)(stabilised oil)
- Vitamin A propionate 2,500,000 I.U. (veterinary use)(stabilised oil)
- Vitamin A/D3 500,000/100,000 I.U./g coated
- Vitamin A/D3 650,000/325,000 I.U./g coated
- Vitamin D3 500,000 I.U./g (cholecalciferol)
- Vitamin E acetate 50 % (stabilised oil)
- Vitamin E acetate 50 % water dispersable powder
- Vitamin E acetate oil min. 96 % (veterinary use)
- Vitamin E feedgrade min. 93 % oil
- Vitamin B1 (Thiamine HCl) 98.5 %
- Vitamin B2 96 % (Riboflavin)
- Vitamin B6 (Pyridoxine HCl) 99 %
- Vitamin B12 0.1 % (1,000 mg/kg)
- Vitamin B12 1 % (10,000 mg/kg)
- Vitamin B12 0.1 % (1,000 mg/kg) (water soluble)
- Biotin 1 % and 2 % (Vitamin H)
- Folic acid 95 %
- Vitamin K3 feedgrade min 25 % Menadione
- Vitamin K3 feedgrade min 51-52 % Menadione
- Vitamin K3 protected MPB (Menadione di-methyl pyrimidinol bisulphite) (22.7 % Menadione)
- Vitamin K3 protected water dispersable (22.7 % Menadione)
- Vitamin C (Ascorbic acid)
- Vitamin C for fishfeeds (Vit Stay-C, liquid)
- d-Calcium pantothenate 99 %
- Nicotinic acid 98 % or 99.5 % (Niacin)
- "Sicochol" Choline Chloride (see special leaflets)

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FEEDS
EVERY TIME THE *right* SOLUTION



**PRODUCT INFO
& DATASHEET**

HYDROVIT 2Z

- Vitamin A palmitate, Vitamin D3 (Cholecalciferol) and vitamin E (DL-alpha-tocopheryl acetate). Fluid solution for water dispersion.
- Vitamin A content: 100 000 IU/ml.
- Vitamin D3 content: 20 000 IU/ml. Vitamin E content: 20 mg/ml.
- Shelf life: 24 months.
- Packaged in: 1 L and 5 L plastic containers 30 L, (25 kg) and 225 L metal drums (200kg).

HYDROVIT 100-10-40

- Vitamin A palmitate, vitamin D3 (cholecalciferol) and vitamin E (DL-alpha-tocopheryl acetate).
- Fluid solution for water dispersion.
- Vitamin A content: 100 000 IU/ml.
- Vitamin D3 content: 10 000 IU/ml.
- Vitamin E content: 40 mg/ml.
- Shelf life: 24 months.
- Packaged in: 1 L and 5 L plastic containers 30 L (25 kg) and 225 L metal drums (200 kg).

HYDROVIT E 15%

- Vitamin E (DL-alpha-tocopheryl acetate).
- Fluid solution for water dispersion.
- Vitamin E content: 150 mg/ml.
- Shelf life: 24 months.
- Packaged in: 1 L plastic containers 30 L (25 kg) metal drums