

NEKTON®-S

A Multi-Vitamin Supplement for Cage Birds

NEKTON-S contains

13 Vitamins

18 Amino Acids in L-Form

Numerous Minerals and Trace Elements

NEKTON-S has been used successfully for years by bird owners, zoos and zoological gardens and above all by breeders. Time and time again it has proved its value in counteracting the effects of the molt, re-caging, illness and medical treatment as well as in improving resistance to disease.

Vitamins

Vitamins are vital organic compounds effective in small amounts. Each has a specific job to do in the body. Some are essential for the transformation of energy, while others regulate the metabolism in structural units such as cells, membranes and bones. When a vital vitamin is missing this automatically leads to disorders and illness of various kinds in varying degrees. A vitamin deficiency can result in growth defects, changes in reproductive systems (fertility) and development as well as reduced performance.

The body is unable to form many of these compounds, which means there must be an adequate dietary source. In the case of birds even good quality bird seed can be deficient in some or all of the vitamins. The diet should be supplemented daily to ensure a regular supply of essential vitamins.

NEKTON-S has been formulated to cover the vitamin requirements of cage birds in standard care.

Amino Acids

Protein is the "organic building material" in the body. Next to carbohydrates, fats, vitamins, mineral elements and water, protein is the decisive food component for the body. Protein is important primarily as a source of amino acids from which an organism can build its own structural and functional proteins. Dietary protein is hydrolyzed or digested to these component acids in the gastro-intestinal tract before being absorbed and utilized into building the proteins the body needs.

Proteins are made up of one or more chains of about 23 amino acids. Some amino acids cannot be synthesized in the body at a rate sufficient to meet the physiological needs of the body, however, and must therefore be furnished preformed in the diet - indispensable amino acids. The number of indispensable amino acids in the dietary protein determines its biological value. The quality of a protein, on the other hand, depends on how complete the assortment and how nearly the proportions of indispensable amino acids approach the physiological needs of a species. Thus the quality of a dietary protein can be limited by the presence in its "chain" of an amino acid whose content is at its lowest compared to the requirements. As a result the body cannot form sufficient of its own structural and functional proteins. Symptoms of a protein deficiency in adult animals are reduced performance and production, meaning poor plumage in birds.

The 18 most essential amino acids have been added to NEKTON-S in the natural L-configuration for easy assimilation, and formulated to provide organisms with enough "building material" to build their own proteins.

Minerals and Trace Elements

Every bird lover knows that life cannot be maintained without a regular supply of inorganic elements to the body. Essential mineral elements are crucial to skeletal structures such as bones and teeth. They play a part in regulating the acid-base balance and serve to maintain and regulate the colloidal system. Some minerals are components or activators of enzymes and/or other biological units or systems, e.g., iodine and iron in hemoglobin. To summarize we can say that mineral elements serve either as building units of the skeleton or as regulators of body processes. A regular supply is particularly important at times of growth therefore.

NEKTON-S has taken a bird's requirements into consideration and added its essential mineral elements in the appropriate balance.

Ingredients and minimum vitamin content per 1,000g: See product label.

Dosage

NEKTON-S is a powder soluble in cold water, providing the ideal method of supplementing your bird's diet. It can be added to the drinking water or sprinkled over soft food

A measuring spoon holding 1g powder is enclosed in each jar of NEKTON-S.

Added to Drinking Water

Use fresh water every day and only make up the amount of water your bird or birds drink in a day, adjusting the NEKTON-S dosage accordingly. As a guide we recommend 1 g NEKTON-S to 0.25 liter water.

Added to Soft Food

If adding to bird feed, measure out only that amount of NEKTON-S corresponding to the daily ration. Here we recommend 1 g to 250g soft food (egg or nestling food).

Guide (Using measuring spoon):

1 spoonful to ½ pint water

2 spoonfuls to 1 pint water

General guide:

¼ teaspoon to ½ pint

½ teaspoon to 1 pint

1 tablespoon to 1 gallon water

If there is only one bird to feed, use a fine needle to make a hole in the sealing foil and shake a little into the drinking water or over the egg food.

In stress situations (re-caging, being sold - bought), illness and so on, the dose of NEKTON-S can be doubled without hesitation.

Use NEKTON-E with NEKTON-S to achieve even better impregnation results. If you follow these hints you will be surprised at your breeding successes.

N.B.

As with all products rich in proteins, particular attention must be paid to hygiene when NEKTON-S is added to the drinking water. Change the solution every day after first cleaning the bowl or dispenser thoroughly and disinfecting with DESI-PLUS.

Please note

Because of this supplement's higher content of vitamin D and trace elements than in a complete feed, it may only be added to 10% of a bird's daily ration.

Store in a cool, dark and dry place. In an unopened container and correctly stored the vitamins in NEKTON-S remain effective until date of expiration, see extra label.

NEKTON-S is available in various sizes.

Furthermore we have a full assortment of special products for pets. Your local pet dealer or vet will be glad to advise you on all our preparations.

NEKTON® is a registered trademark of the company Günter Enderle, D-75177 Pforzheim, Germany.

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