

NEKTON®-MSA

Vitamin D3 - Trace Elements - Amino Acids - Calcium –
Phosphate
TONIC FOR BUILDING UP PETS

NEKTON-MSA is a highly concentrated preparation composed purely of mineral elements and complemented by vitamin D3 and amino acids.

NEKTON-MSA provides the metabolism and the bones with the necessary minerals and amino acids, helps prevent rickets, activates metabolisms, and is an aid against calcium deficiencies.

Macro-elements such as calcium and phosphorus are extremely important for the general growth and bone structure of animals, but most species utilize them in conjunction with vitamin D3, which acts as a regulating vitamin. Micro or trace elements are required to build up the different tissues and for maintaining enzyme, digestive, and hormone systems. Vitamin D3 regulates the metabolism of calcium and phosphorus and causes them to build in the bones. It cannot replace a lack of calcium and phosphorus, however, but it does aid the absorption of these minerals in the intestines. Just as a lack of calcium and/or phosphorus leads to rickets, so does a suboptimal intake of vitamin D3. Rickets is a disturbance in bone growth due to a lack or deficiency of the above macro-elements and can occur in both young and adult animals. Rickets causes retarded growth in animals. Birds suffering from this disease have a rough, dull plumage, are apathetic, and show slight signs of paralysis at the beginning, which rapidly progresses to the so-called "shaking paralysis". In the later stages of this disease the animal suffers from bandy legs, but it usually dies of general debility long before it reaches the stage of bone deformation.

USAGE

Above all NEKTON-MSA should be used on breeding animals, as the parent animal requires a greater supply of mineral elements than usual when breeding. At the same time NEKTON-MSA ensures sufficient provision of essential macro and microelements for the embryos. For example, an increased dose of calcium helps prevent thin shells in the case of breeding birds, where very often the need in minerals (macro and trace elements) and amino acids increases considerably. NEKTON-MSA is just as essential for animals suffering from calcium deficiencies, too.

NEKTON-MSA is not soluble in water. It should be added to soft food or mixed with bird grit.

The enclosed measuring spoon is for your convenience. It holds 1.7g, which means

- 1 spoonful rounded to 2½ pounds animal weight for adult mammals
- 2 spoonfuls rounded to 2½ pounds animal weight for pups and kittens
- 1 spoonful flat to 5 birds (medium-sized)

- A little really does go a long way -

DOSAGE

Mammals (dogs, cats, rabbits and other small animals)
2g per kg body weight for adult animals
= ¼ teaspoon rounded to 2½ pounds body weight
4g per kg body weight for growing animals
= ½-1 teaspoon to 2½ pounds body weight

At this point we would like to draw your attention to two other special mineral supplements:

NEKTON-DOG-VM – A high-grade mineralised vitamin supplement with trace elements, especially important to cover the increased mineral requirements of bitches during breeding. NEKTON-CAT-M contains not only the vitamins required by cats but in addition essential mineral elements as well as arginine, an amino acid most important to cats and the amino sulphonic acid taurine.

Birds

Add 1 g for 3 birds (approx. size of carrier pigeons) to either soft (nestling) food or mix with the bird grit at a ratio of 1:1.

NEKTON-MSA is suitable for all types of birds. However, NEKTON-BT-Z, a product in our NEKTON series for racing pigeons, has been developed especially for these birds in the breeding season to supply parents and young with all the essential nutrients for strong and healthy birds.

Reptiles

Reptiles require a great deal of different minerals, which we have already taken into account when composing our NEKTON-REP. NEKTON-MSA can be used in addition to the above preparation when symptoms of a mineral deficiency disease occur.

Minimum content per 1,000 g: see label

NEKTON-MSA is available in various sizes.

IMPORTANT:

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

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 pet animal's daily ration.

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

Stand: 2002