



# NEKTON<sup>®</sup>

## PRODUCTS

*Successful as nature itself!*



**General Information on the  
NEKTON range for Reptiles**

**NEKTON-REP**

**NEKTON-REP-COLOR**

**NEKTON-TONIC-R**

**NEKTON-MSA**

**NEKTON-Iguana**

**Breeding Concentrates  
for Live Prey Insects**

### **Out of the watery depths**

Like their ancestors, the fish, reptiles and amphibians are vertebrates. Nevertheless, today this group of fauna is vastly different to its forefathers in anatomy and morphology, a process, however, that took all of 430 million years. Although only a tiny part is left of the incredible number of orders, families, genera and species of primeval times, the round 9000 known species of reptiles and amphibians remaining offer a fascinating diversity in forms, colours and characteristics.

No longer totally confined to water as the life-giving element the reptiles and amphibians of today can be found all over the world, and there is hardly a biosphere around the globe that does not contain one or more species of herpetofauna. Such is the ecological diversity that home can be anywhere from burning deserts and thickly swathed grassy plains to the hot and steamy jungles or rain forests of the Pacific, African and South American regions. Wet or dry, high or low - the smallest pond, a swamp, the dry steppe, rolling hills or cold, high mountain regions all offer a suitable lebensraum for these animals. These extremes in climatic zones producing a wide variety of plant and animal life are naturally the reason for the diversity in the behaviour, breeding and feeding habits of herps. And the more extreme the climate is, the more the animal has had to adapt to survive.

Not all herps, however, have been able to leave their "ancestral home" completely. Amphibians, for example, have to spend the greater part of their lives in or near water on the damp surroundings in order not to dry out. This is because their permeable skin affords no protection against loss of body water through evaporation. Their development from egg to adult animal also demonstrates their dual life style – aquatic environment during the egg and larval stages and terrestrial in adulthood. Most species of amphibians lay clusters of jelly-like eggs directly in the water, often covering great distances to find their traditional spawning grounds. The eggs are either fertilised after spawning or in the case of oviparous amphibians fertilisation takes place in the body but eggs hatch after being expelled. Some species are ovoviviparous, that is both incubation and hatching take place within the body. Whichever way, the development from embryo to juvenile animal follows through a larval stage, what we call the tadpole in amphibians.

Although some reptiles also live in water, their offspring never go through the tadpole stage but hatch into miniature copies of their parents. In most of the reptile species the embryo develops fully while in the egg and hatches just before, during or shortly after parturition. As the hatchlings or neonates can only breathe through their lungs at this stage and their hard skin would not allow for cutaneous respiration, they have to be born on land.

In view of this diversity among the herpetofauna it is not surprising the proper requirements for keeping and breeding reptiles and amphibians are many and varied. But even today there are not always enough species-specific reference sources available to help the herpetoculturist. A caring herpetoculturist knows he has to read all the literature he can find to give him a better insight into creating the right environment and finding the proper care and diet for his animal.

Despite their diversity, most species have enough basic requirements in common to enable us to generalise on certain factors.

The purpose of this booklet is to explain the key factors for ensuring happy, healthy herps in captivity.

## Environment

Before starting up a terrarium it is necessary to know as much as possible about the animal's natural environment. But even if it is not possible to completely recreate the proper natural surroundings and microclimates in this artificial biosphere, it is amazing how well a captive herp will thrive and even breed in a terrarium when a few basic factors are taken into consideration. The important elements to be regarded are: light, temperature, air, space and diet.

## Light

Light is extremely important for development, reproductive behaviour and the metabolism of certain vitamins. Sunlight and/or artificial lighting must provide the same environmental parameters as the animal's natural habitat, i.e., the appropriate photoperiod, correct light quality and ultraviolet radiation.

## Temperature

Amphibians and reptiles are ectothermic animals, which means their body temperature depends on the ambient temperature. By using external heat sources, that is, ground/contact warmth (thigmothermy), as well as the surrounding air and radiant heat from above (heliothermy) they sustain their optimal internal body temperature (thermoregulation). It is impossible to keep these animals successfully in captivity without providing appropriate thermoclines.

First of all, an ambient temperature corresponding to the required day and night averages should be maintained throughout the enclosure by using heaters to manipulate the changes. Provide multiple basking sites at a variety of temperatures within the animal's behavioural range by means of heat pads and/or lamps. This is vital. If the animal is not given the opportunity

to regulate its body temperature it could die.

## Air

Good ventilation and correct humidity are of great importance in herp husbandry. There is less risk of reptiles drying out because of their horny skins, but dehydration in amphibians such as frogs and newts would be deadly. The supply of fresh air in terrariums is particularly important because reduced ventilation would mean a lack of oxygen for its tenants. Plants are hardly able to cope with the carbon dioxide produced.

## Space

Each individual amphibian or reptile must have its own territory with sufficient food resources and in which it has room for social interaction (e.g. mating) and thermoregulation. The size, shape and layout of the captive enclosure must all be designed to allow enough freedom of movement, take the natural behaviour and habits into consideration and relieve the stress of confinement as far as possible.

## Diet

The diversity in today's herps also means a great difference in their feeding habits. Most amphibians are carnivorous while reptiles can be flesh eaters, plant eaters or omnivorous (eating both plant and animal foods) depending on their species. No matter what form



their nutrition takes, however, the most decisive factor is its components.

Both plant and food matter are made up of:

Carbohydrates (e.g., starches, sugars, crude fibre)



## Fats

Proteins

Minerals (macro and micro elements)

Vitamins

Water

Carbohydrates supply energy. A complete lack of carbohydrates in the diet would lead to a breakdown in the composition of the intestinal flora and disrupt vitamin synthesis.

Fats are also concentrated sources of energy. Like carbohydrates they principally supply energy to drive the processes of life. Another important job of dietary fats is as "carriers" of fat-soluble vitamins and as such together with the provision of fatty acids play a serious role in the absorption of fat-soluble vitamins and provitamins. The nature of the fat is decisive as well, and unsaturated fatty acids are considered as particularly important as they are needed for good growth of the skin and horny scales as well as regulating the water balance in the body.

Food proteins are made up of different amino acid chains. There are no substitutes for amino acids, from which an organism can build its own structural and functional proteins.

Minerals are divided into macro and micro (trace) elements. Sodium, potassium, phosphorus, calcium and magnesium are the most essential of the macro elements. Traces of the inorganic elements copper, zinc, manganese, cobalt, molybdenum, iodine and iron are known to be particularly important. Minerals are essential to the water balance and amino acid metabolism and must be accompanied by the hydrochloric and phosphoric acid salts chloride and phosphate. Of the macro elements a well-balanced ratio of calcium and phosphorus is extraordinarily important for bone formation and stability.

The animal organism needs vitamins to support smooth functioning of all life's processes. Vitamins act as catalysts. They do not themselves supply energy to the body nor are they used as building units for the struc-

ture of the body cells, but they are essential for the transformation of energy and for the regulation of the metabolism of structural units. Even a healthy body cannot synthesise all the vitamins and then not always in sufficient amounts. A lack of vitamin insufficiency leads to deficiency disorders and diseases. Vitamin deficiencies are known to cause a number of disorders in reptiles and amphibians. Insufficient vitamin A for example leads to eye inflammation or damage. Bone deformities in amphibians and softening of the bones in reptiles are due to a vitamin D deficiency. A lack of the B group of vitamins results in gastrointestinal troubles, paralysis and skin diseases.

In order to avoid deficiency disorders and provide a means of increasing the nutritional value of the diet to an optimum level we, the manufacturer of NEKTON products, have developed a number of special-purpose products for reptiles and amphibians.

## NEKTON-REP

Vitamin/Mineral Supplements for Reptiles & Amphibians

NEKTON-REP and NEKTON-REP-COLOR are dietary supplements containing all the vitamins and mineral elements known to be needed by reptiles and amphibians. Free amino acids round off the composition so that both products give excellent support to an animal's entire organism.

Most herps are carnivores, feeding mainly on animal protein during their peak period of growth. Even European tortoises should be given animal protein in addition to such greens as endive, clover, dandelion leaves and carrots, as plant matter alone does not contain all the amino acids - protein components - and in sufficient quantities to ensure smooth functioning of all the metabolisms. NEKTON-REP as well as NEKTON-REP-COLOR takes this fact into consideration and both have been enriched with amino acids in their L configuration, the form utilisable by an organism.

First and foremost, however, these supplements are extremely valuable vitamin and mineral formulas. The large proportion of vitamin A they contain is extremely important for forming the skin and mucous membranes of reptiles and amphibians. Very often these animals have difficulty in sloughing their skins or suffer from skin diseases due to an inadequate supply of the vital vitamins, macro and trace elements.

Tortoises are also an example of vitamin/mineral deficiency disorders in animals. They frequently suffer from motor malfunctions together with deformed or soft shells. In many cases this is because of a lack of calcium, which can also lead to the illness known as rickets. An adequate supply of calcium is also important to insect-eaters as this element is usually missing in the chitin cuticle or skeleton of insects. NEKTON-REP and NEKTON-REP-COLOR, therefore, contain a high percentage of calcium together with vitamin D3 to aid the adsorption of calcium by the animal's body. But it is the harmony and balance of the formula that make them two of the most beneficial supplements for reptiles and amphibians. Each vital substance is dosed and blended to complement and promote the other thus strengthening the entire organism.

Through the same formula of important vitamins, amino acids, macro and trace elements, NEKTON-REP-COLOR is in a position to prevent many deficiencies and thus help avoid deficiency disorders. The additional substances, Canthaxanthin and Apocarotinal are intended to prevent skin colours from fading or to bring out faded colours again.

Canthaxanthin and Apocarotinal (apo-8-carotenoic acid ethyl ester) are carotenoids, an important group of natural reddish/yellow pigments widely distributed in plants, as in tomatoes, carrots and oranges. Many carotenoids are precursors of vitamin A, that is, they develop certain vitamin A qualities in the body. This means they have a beneficial physiological value as well as enhancing colours

or reviving pale and faded colours to their former beauty.

The carotenoids in NEKTON-REP-COLOR have been produced synthetically but are nevertheless identical to those the animals would find in their diet in the wild and therefore safe.

Health, growth and maintenance all depend on a well-balanced combination of nutrients and active substances - as provided by NEKTON-REP and NEKTON-REP-COLOR.

## USAGE

Water-soluble NEKTON-REP and NEKTON-REP-COLOR are so easy to use.

1. Add to feed
2. Add to drinking water
3. Add to tank or terrarium water

## ADDED TO FEED

This is the simplest way. NEKTON-REP/REP-COLOR can be mixed with the reptile's plant or animal food: E.g., Tortoises - scatter a pinch of NEKTON-REP/REP-COLOR over chopped or shredded lettuce leaves after wetting them slightly. Turtles - knead NEKTON-REP or NEKTON-REP-COLOR into finely chopped heart and form tiny balls that can then be fed by means of tweezers.

Similarly, various pieces of meat dusted with NEKTON-REP/REP-COLOR can be given in this manner. It is enough to dust just one or two

pieces of meat with the powder.

If the animals are fed on live prey, it is better to dissolve the NEKTON-REP/REP-COLOR powder in water and inject this under the skin of the animal used as fodder.

In the case of insect-eating reptiles and land amphibians put the dose of NEKTON-REP/REP-COLOR powder into a jar, let the insects in and shake the jar. The insects are then covered in the powder and can be fed to the animal as usual.

## ADDED TO DRINKING WATER

For land reptiles that drink water regularly the ratio is 1 gram NEKTON-REP/REP-COLOR to ¼ litre water. This meets the animal's vitamin needs completely. Use fresh water every day. At the beginning remove all other drinking vessels so that the animal is forced to use the one containing the vitamins. In time you will find your pet prefers the water with NEKTON-REP supplements to its normal drinking water.

## ADDED TO TERRARIUM WATER

Amphibians living mostly in water can absorb the vitamins through their skin or by swallowing the water. As a guide we recommend a measuring-spoonful (1 g) to 30 litres water (about 7 U.S. gallons).

Because of the high concentration of the supplements, however, be careful when adding them to tanks containing plants; the trace elements could stunt plant growth.

## GENERAL INSTRUCTIONS

Due to the variety of reptiles and amphibians it is impossible to recommend



an exact dose for each species. It largely depends on how much food or water the animal takes per day. The details given above are only guidelines.

NEKTON-REP-COLOR should be given daily until the skin or shell colours have reached the desired intensity. After this point in time continue with NEKTON-REP to ensure a full-value diet.

## INGREDIENTS

### Vitamins

Vitamin A, vitamin D3, vitamin E, thiamine, riboflavin, D-pantothenic acid, niacinamide, vitamin B6, folic acid, vitamin B12, vitamin C, vitamin K3.

### Amino Acids

L-lysine / DL-methionine

### Macro/Trace Elements

Manganese / zinc / copper / iron / cobalt / iodine / magnesium / calcium

NEKTON-REP & NEKTON-REP-COLOR help to protect all metabolic functions in reptiles and amphibians.

NEKTON-REP & NEKTON-REP-COLOR aid healthy bone growth.

NEKTON-REP & NEKTON-REP-COLOR promote smooth functioning of skin sloughing.

NEKTON-REP & NEKTON-REP-COLOR help correct functioning of mucous membranes.

NEKTON-REP & NEKTON-REP-COLOR are a help against disturbances of the central nervous system.

In addition NEKTON-REP-COLOR contains supplementary Canthaxanthin and Apocarotinal, which are deposited in the fatty tissues, skin and shell to intensify colours, bring out faded colours and help colours from fading.

## NEKTON-TONIC-R

For nectar-taking reptiles.

NEKTON-TONIC-R's formula is based on the latest scientific findings concerning the nutritional requirements of nectar-feeding herpetofauna.

To be of any value to the body, a tonic must enter the blood stream and be distributed to all the living regions fast. All the ingredients in NEKTON-TONIC-R are in such a form that they are immediately and easily absorbed in full by the animal's organism. They need not be digested in the upper alimentary canal but go straight to the small intestine where they can pass through the intestinal lining and take effect at once.

This makes NEKTON-TONIC-R particularly valuable during such stress periods as illness, skin sloughing, re-housing and acclimation, and has proved an excellent help in raising young animals.

NEKTON-TONIC-R supplements a diet with sufficient carbohydrates, fats and proteins and the activating substances vitamins, macro and trace elements an animal's body structure needs.

CARBOHYDRATES give the basal metabolism added energy and boost activity.

PROTEINS here are made out of the same vegetable matter the reptile's organism is used to in its natural surroundings. In addition, 18 free amino acids have been added to increase the nutritive value of the tonic impressively.

ESSENTIAL FATTY ACIDS, which an animal's organism definitely needs, help prevent deficiency disorders.

VITAMINS AND PROVITAMINS, which are vital organic substances, must be present in a herp's diet if serious and irremediable illnesses are to be avoided.

**MINERAL ELEMENTS.** Even if an animal does not receive a sufficient supply of these vital substances regularly, its organism constantly secretes them unchanged, so that any tonic has to have a high content of macro and trace elements if it is to have any far-reaching effect. In this respect you can rely on NEKTON-TONIC-R completely.

NEKTON-TONIC-R fortifies normal diets with a well-balanced combination of nutritive and active substances to make pets look and feel better.

## USAGE

NEKTON-TONIC-R is water soluble in powder form. Given two or three times a week either as a solution or over the food in addition to the drinking water it helps prevent disorders due to deficiencies. In times of stress it is advisable to add daily to counteract the effects of skin sloughing, re-housing or acclimation.

## ADDED TO FOOD

Sprinkle NEKTON-TONIC-R powder over moistened food or fruit. We recommend approx. 20 ml = 10 g (20 graduation marks on beaker) NEKTON-TONIC-R to 100 g = 3½ oz food. Please make sure your reptile has enough drinking water at hand.

## INGREDIENTS

NEKTON-TONIC is made up of more than 60 effective substances. Some of the more important ones are listed below.

### Amino Acids

L-alanine / L-arginine / L-aspartic acid / L-cystine / L-glutamine / L-glycine / L-histidine / L-isoleucine / L-leucine / L-lysine / DL-methionine / L-phenylalanine / L-proline / L-serine / L-threonine / L-tryptophan / L-tyrosine / L-valine.

### Vitamins

Vitamin A, vitamin D3, vitamin E, thiamine, riboflavin, D-pantothenic acid, niacinamide, vitamin B6, folic acid, vitamin B12, vitamin C, vitamin K3, biotin.

### Macro/Trace Elements

Manganese / zinc / copper / iron / cobalt / iodine / calcium / phosphorus.

NEKTON-TONIC-R contains the nutritional requirements an animal's organism needs.

NEKTON-TONIC-R is an effective aid to preventing vitamin and mineral deficiencies.

NEKTON-TONIC-R helps support the organism in times of stress.

NEKTON-TONIC-R is an excellent aid to treatment in illness.

## NEKTON-MSA

High-grade mineral supplement

A number of the inorganic elements (minerals) are regarded as absolutely essential to all of Life's processes, and it is therefore our task to ensure that the diets of the animals in our care contain the appropriate amounts and ratio of these essential macro and trace (micro) elements. A deficiency of these elements in an otherwise nutritionally adequate diet can lead to very diverse and indefinite metabolic abnormalities.

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

Mineral elements are extremely important for maintaining good health, top stamina and uninterrupted propagation. They must be present in fairly constant concentration in the healthy tissues of all living animals. An animal's organism is in a position to store many of these elements; the bones, for example, serve as temporary storage sites for calcium, phosphorus and magnesium. These reserves can be mobilised in times of stress for example or in the case of restricted dietary intake. If this dietary deficiency persists, however, vital body processes will suffer and eventually structural and physiologi-

cal abnormalities will occur. In addition, the rate at which these elements are excreted by the various tissues and organs not only differs but also fluctuates, so that all in all it is the primary job of the herp owner to see that they are replenished constantly by means of the diet.

As the name TRACE ELEMENTS suggests, only minute traces of these minerals are needed whereas the macro or quantitative elements, can make up 0.1% - 2% of the dry food.

The most important factor, whether in respect to diets or food supplements, is not only the number of individual substances but, above all, their well-balanced and well-matched composition. For example, it is a comparatively well-known fact that calcium and phosphorus have a complex relationship with each other and in correlation to one another can prevent rickets and osteomalacia. In general a Ca-P ratio of 2:1 is regarded as ideal, but, of course, cannot apply to all species. Because of this, a large proportion of vitamin D3 has been added to NEKTON-MSA, as this vitamin is able to attune the Ca-P ratio to the requirements of each indi-

vidual organism to a certain extent. By means of vitamin D3, calcium and phosphorus are also better deposited in the animal's bones, thus achieving full benefit of the supply of minerals.

The relationship between the various mineral elements is highly complicated and sophisticated.

For example, too much calcium in the organism has a negative effect on the zinc balance, as does an overdose of potassium in the diet on the magnesium content. On the other hand, too much magnesium accelerates the secretion of calcium, whereas a high concentration of calcium prevents the absorption of the copper content and so on in a vicious circle. Now we can see how important the composition and compatibility of the various macro and trace elements are for the animal's organism.

Minerals and, of course, vitamins and amino acids must blend and harmonise to produce the best possible effect on your pet's health and appearance. With this in mind we have composed NEKTON-MSA as an ideal means of providing your pet with the benefit of all these essential substances.



## USAGE

NEKTON-MSA for all brooding animals. At this time an animal needs more mineral elements. In fact an animal suffering from disorders due to a calcium deficiency can be helped back to good health through NEKTON-MSA.

NEKTON-MSA is not soluble in water. It should be added to soft or moist food.

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.

## INGREDIENTS

Vitamins

Vitamin D3.

Amino Acids

L-lysine / DL-methionine.

Macro/Trace Elements

Manganese / zinc / copper / iron / cobalt / iodine / calcium / phosphorus.

NEKTON-MSA helps support metabolic processes in an animal's organism.

NEKTON-MSA promotes bone and tooth growth.

NEKTON-MSA helps protect against interruptions in the absorption and infectious diseases.

NEKTON-MSA activates important enzymatic systems.

## NEKTON-Iguana

Outstandingly valuable Dietary Supplement for Green Iguanas containing the important B group vitamins and 18 indispensable amino acids.

NEKTON-Iguana is formulated to meet nutritional needs of Green Iguanas and other plant and fruit-eating Reptiles.

This product contains the nutrients needed to maintain life and good health in a well-balanced formula to supplement the daily diet: Carbohydrates, Fatty Acids, Proteins, Vitamins, Macro and Micro Elements.

Carbohydrates and fats contain only carbon, hydrogen and oxygen and are principally of value as energy-yielding nutrients. Like carbohydrates, therefore, fats are an important source of mechanical and heat energy, but they are also essential for transporting fat-soluble vitamins. The fatty acids and carbohydrates in NEKTON-Iguana are vital as a protection against deficiency diseases.

Proteins are essential for growth and replacement. They are the main components in muscles, organs, skin and eggs, and



form enzymes, antibodies and many hormones. Proteins also function as carriers for numerous vitamins. The proteins in NEKTON-Iguana are already in their digested form, namely L-amino acids, the only form an organism can utilise, and can therefore be absorbed into the blood stream quickly and easily.

In addition to the importance of the L amino acids this supplement is extremely valuable as a vitamin and mineral formula. Vitamins, minerals and trace elements are essential for the chemical activities of the body. Reptiles, like other animals, cannot produce all of their own vitamins or not in sufficient quantities and must obtain them „ready-made“. If a diet is deficient in one or more vitamins this results in a breakdown of normal bodily activities and produces some symptoms of disease. An avitaminosis (vitamin deficiency) leads to the iguana's fresh green colour turning dull grey-green and can cause the points of the crest to die off. Together with a malfunctioning protein synthesis it can also lead to gout, a common occurrence in reptiles. A deficiency in any of the B group of vitamins is particularly serious as it can often result in paralysis, convulsions, impaired growth and skin problems, in particular the skin sloughing process.

Furthermore a wide variety of minerals and trace elements are required by the body for the construction of certain tissues. Although the body is able to store and „recycle“ some of these mineral elements, certain amounts are constantly excreted unchanged and must be replaced daily to ensure adequate reserves in times of increased metabolic activity.

Calcium and phosphorus in particular are needed for the bones, iodine for the proper functioning of the thyroid gland and traces of copper, cobalt and manganese are also essential for growth and in enzyme relationships. NEKTON-Iguana, therefore, contains a high percentage of calcium together with vitamin D3 to aid the adsorption of calcium by the animal's body. But it is the harmony and balance of the formula that make it one of the most beneficial supplements.

All the ingredients in NEKTON-Iguana are in such a form that they are immediately and easily absorbed in full by the animal's organism. To be of any value to the body, nutrients must enter the blood stream and be distributed to all the living regions fast. NEKTON-Iguana's compounds are in soluble form and need not be digested in the upper alimentary canal but go straight to the small intestine where they can pass through the intestinal lining and take effect at once.

This makes NEKTON-Iguana particularly valuable to these animals during such periods of stress as illness, skin sloughing, rehousing and acclimation, and has proved an excellent support during transport.

NEKTON-Iguana improves the nutritive value of the diet and maintains health and gives you lively pets.

NEKTON-Iguana is made up of more than 60 effective substances. Some of the more important ones are listed below.

## USAGE

Although NEKTON-Iguana was especially developed with green iguanas in mind, it is also an ideal supplement for all plant, fruit and insect-eating reptiles.

NEKTON-Iguana is a powder supplement and simple to use. It can be sprinkled over moistened leaves or fruit or mixed with chopped or shredded soft food. If you only have one animal put the daily dose on its favourite leaf or mix with its food and feed by hand to make sure it is getting all the valuable ingredients. In the case of insect-eating reptiles put the dose of NEKTON-Iguana powder into a jar, let the insects in and shake the jar, then feed to the animal as usual.

The measuring spoon enclosed with each jar holds 1 g powder.

## DOSAGE

Young animals up to 30 cm length:  
approx. ¼ g (¼ spoonful) per animal per day.  
Growing animals up to 60 cm length:

½ g (½ spoonful) per animal per day.  
Adults over 60 cm length: 1 g (1 spoonful)  
per animal per day.

Do not feed other vitamin supplements at the  
same time as NEKTON-Iguana.

Use DESI-PLUS disinfectant to ensure sani-  
tary utensils and enclosure.

## INGREDIENTS

### Vitamins

Vitamin A, vitamin D3, vitamin E, thiamine,  
riboflavin, D-pantothenic acid, niacinamide,  
vitamin B6, folic acid, vitamin 12, vitamin C,  
vitamin K3, biotin.

### Amino Acids

L-alanine / L-arginine / L-aspartic acid /  
L-cystine / L-glutamine / L-glycine / L-histidine  
/ L-isoleucine / L-leucine / L-lysine /  
DL-methionine / L-phenylalanine / L-proline /  
L-serine / L-threonine / L-tryptophan /  
L-tyrosine / L-valine.

### Macro/Trace Elements

Manganese / zinc / copper / iron / cobalt /  
iodine / calcium / phosphorus / magnesium.

NEKTON-Iguana helps to protect all metabo-  
lic functions in this group of reptiles.

NEKTON-Iguana aids healthy bone growth.

NEKTON-Iguana promotes smooth func-  
tioning of skin sloughing.

NEKTON-Iguana protects against neural dis-  
orders.

NEKTON-Iguana helps correct functioning of  
mucous membranes.

NEKTON-Iguana supports the entire orga-  
nism in times of stress.

## NEKTON-BREEDING CONCENTRATES

Simple Use - Optimum Effect. NEKTON's  
odour-free, insect-breeding concentrates  
make light work of raising sufficient nutritious  
live insects to keep an animal well supplied.

## NEKTON- DROSOPHILA- CONCENTRATE

for breeding fruit flies

## NEKTON- CRICKET- CONCENTRATE

for feeding crickets and grasshoppers

## DESI-PLUS

Sterilizing Bath for Pet Food – and Drinking Vessels

DESI-PLUS helps protect against stomach upsets

DESI-PLUS helps to prevent infectious diseases from spreading

DESI-PLUS helps guard against fungus infections

DESI-PLUS helps keep pets healthy

DESI-PLUS is a final disinfectant for pet toys and vital for pet feeding and drinking vessels.

Logically, our dear pets whether dogs, cats, hamsters, mice, rabbits, guinea pigs or birds come in contact primarily with their feeding or drinking bowls or dispensers, and it is therefore extremely important that these vessels are as clean and germ-free as possible, if we want to keep our pets healthy. Unfortunately the usual methods of cleaning these utensils are just not enough to ensure that they are really sterile, and as they are generally made of plastic, they cannot be boiled.

order to achieve full results, meaning 100% germ-free, in taking as little time as possible, NEKTON Products has developed the special disinfectant DESI-PLUS.









# NEKTON®

## PRODUCTS



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Obtainable from

