

# MULTIVA® Active Dog

Multi-Vitamin-Mineral Supplement with Amino Acids, Omega-6 and Digestive Enzymes Formulated into Highly Palatable Chews

## Data Sheet

### Active Ingredients (per Chew):

Methionine	2.5 mg	Vitamin B <sub>5</sub> (Pantothenic Acid)	2 mg
Linoleic Acid	2 mg	Vitamin B <sub>6</sub> (Pyridoxine)	0.2 mg
Calcium	100 mg	Vitamin B <sub>7</sub> (Biotin)	2 mcg
Phosphorus	83 mg	Vitamin B <sub>9</sub> (Folic Acid)	2 mcg
Potassium	12.4 mg	Vitamin B <sub>12</sub> (Cobalamin)	2 mcg
Sodium	61 mg	Coline (before Vitamin B <sub>p</sub> )	2.5 mg
Magnesium	46.7 mg	Inositol (before Vitamin B <sub>m</sub> )	2 mg
Iron	3 mg	PABA (before Vitamin B <sub>10</sub> )	3.75 mg
Cobalt	30 mcg	Vitamin C (Ascorbic Acid)	50 mg
Copper	2.5 mcg	Vitamin D <sub>3</sub>	100 IU
Manganese	1 mg	Vitamin E	2 IU
Zinc	1.5 mg	Betaine	2.5 mg
Iodine	50 mcg	Lecithin	2.5 mg
Selenium	2 mcg	Bromelain	1.14 UGD
Vitamin A	1000 IU	Lipase	3.18 UUSP
Vitamin B <sub>1</sub> (Thiamine)	1 mg	Protease	39.1 UUSP
Vitamin B <sub>2</sub> (Riboflavin)	1 mg	Pepsin	5.86 UNF
Vitamin B <sub>3</sub> (Niacin)	10 mg		

**Composition** (in descending order): Yeast, chicken flavour, Calcium phosphate, glycerol, whey, rapeseed oil, L-ascorbyl-2-polyphosphate, soy lecithin, sweetener (maltodextrin, sodium alginate, calcium sulphate), magnesium oxide, potassium chloride, iron proteinate, zinc proteinate, niacinamide, manganese proteinate, choline chloride, bromelain, vitamin E (acetate), PABA, safflower oil, betaine hydrochloride, methionine, propionic acid, vitamin A, calcium pantothenate, inositol, vitamin B<sub>12</sub>, mixed tocopherols, riboflavin, cobalt proteinate, thiamine monohydrate, pancreatin, vitamin D<sub>3</sub>, pyridoxine hydrochloride, biotin, sodium selenite, calcium iodate, copper proteinate, pepsin, folic acid.

### Additives (per kg):

Vitamins: E672 vitamin A 704 mg; E671 vitamin D<sub>3</sub> 71mg.

Oligoelements: E1 iron (proteinate) 857 ppm; E2 iodine (calcium iodate) 14.3 ppm; E3 cobalt (proteinate) 0.03 mg; E4 copper (proteinate) 0.7 ppm; E5 manganese (proteinate) 286 ppm; E6 zinc (proteinate) 428 ppm; E8 selenium (sodium selenite) 0.57 ppm.

**Analytical Constituents:** Crude protein 21.40%; fat content 14.00%; crude fibre 1.37%; crude ash 21.52%; moisture content 6.76%.

### Mechanism of Action:

MULTIVA® Active Dog contains a unique combination of vitamins, minerals, amino acids, Omega-6 and digestive enzymes that act synergistically to ensure optimal intake of the macro and micronutrients necessary for optimal functioning of the organism.

- The intake of vitamins is essential for proper functioning of organs and systems, however it is important that the proportions are adequate and balanced.



## Features

Complete formula of 35 essential Vitamins, Minerals, Omega-6, Methionine and Digestive Enzymes.

Contains macro and micro-nutrients that act synergistically for optimal functioning of the organism.

Combats nutritional deficiencies associated with insufficient intake or increased body demands.

Increases the appetite and activity of animals that are listless, apathetic or reluctant to eat.

Nutritional support in stressed, sick or recuperating animals.

Helps to strengthen the immune system, improving defences in situations of stress, convalescence...

Recommended in animals with high nutritional needs: athletic, very active...

Ideal supplement for growing puppies and pregnant and lactating females.



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- **Vitamin A** contributes to the normal metabolism of iron, maintenance of natural barriers such as skin and mucosa, normal functioning of the immune system and maintenance of healthy vision.
- **Group B Vitamins** have neuroprotective, antioxidant properties and are essential for the synthesis of haemoglobin and red blood cells. Vitamin B1 is an appetite stimulant. In addition, Vitamin B6 contributes to optimal bone and muscle development. Biotin (B7) is essential for good skin and hair health. Lastly, Vitamins B1, B2, B3 and B5 intervene in metabolic processes that transform nutrients into energy.
- **Vitamin C** (Ascorbic Acid) is highly antioxidant, neutralises free radicals and helps prevent aging-related diseases, cellular stress and joint degeneration. It also helps the functioning of the immune system.
- Proper intake of **Vitamin D<sub>3</sub>** is key for the absorption and normal use of calcium and phosphorus, contributes to bone, dental and muscle health, and the optimal functioning of the immune system.
- Vitamin E** is a powerful antioxidant, avoids damage to cellular membranes and protects tissues from free radicals. It also enhances the immune system.
- Macro-minerals are those that are needed in greater quantities:
  - **Calcium and Phosphorus** intervene in the formation and metabolism of bones and teeth. Furthermore, Calcium, intervenes in many other functions, such as nerve impulse transmission, muscle contraction and coagulation; proper intake is essential in growth phases and in pregnant and lactating females. Phosphorus forms part of the cellular membranes and DNA and RNA molecules.
  - Sodium and Potassium** are essential for proper cellular function; they ensure the balance between interior and exterior and intervene in energetic metabolism. Sodium, in turn, regulates water balance, while Potassium is implicated in proper heart function.
  - **Magnesium** is involved in nerve conduction and muscle contractions; its deficit may cause the appearance of neurological disorders.
- Micro-minerals are those which are necessary in smaller amounts:
  - **Iron, Copper and Cobalt** are essential for the synthesis of haemoglobin and red blood cells. They participate in numerous enzymatic processes related to respiration and cellular oxidation. Copper also intervenes in the synthesis of collagen and myelin.
  - **Zinc** is indispensable for the synthesis of collagen and keratin. In the skin, it actively participates in the regeneration of the extra-cellular matrix, healing processes, repair of connective tissue, inflammation and cellular growth. Correct intake maintains the integrity of the skin and quality of the coat.
  - **Manganese** participates in cellular function, specifically in the mitochondria; it is also essential for the formation of collagen, GAGs and proteoglycans, the main structural components of cartilage, ligaments and synovial fluid.
  - **Selenium** is a powerful antioxidant; as such, it minimises the damage caused by free radicals produced in situations of aging, intense physical activity or inflammatory diseases and stimulates immune system functionality.
  - **Iodine** is involved in the metabolism and synthesis of thyroid hormones.
- **Linoleic Acid (Omega-6)** is an essential fatty acid important for a multitude of processes. It forms part of the cellular membrane, being indispensable for its synthesis, and its deficit may increase capillary fragility and, as a result, hair loss. Lack of Omega-6 also affects the integrity of the skin barrier, causing poor skin condition and higher sensitivity, increasing the appearance of skin pathologies. It also intervenes in bone and dental development and good joint function.
- **Methionine** is also an essential amino acid that must be administered in the diet, since it cannot be synthesised by the body. It is an intermediary in the synthesis of other amino acids like cystine. It plays an important role in hepatic metabolism, protecting the liver from the toxic effects of hepatotoxins. It also has an antioxidant action. It helps to improve hepatic function in senior dogs or those under intense or prolonged drug therapy.
- Digestive enzymes contribute to the digestion, absorption and use of different molecules that the animal ingests. **Bromelain, Protease** and **Pepsin** are involved in the digestion of proteins and the assimilation of their amino acids. **Lipase** helps the absorption of fats, enhancing absorption through the intestinal wall. Its administration promotes the improvement of digestive disorders that occur with poor digestion, malabsorption and weight loss.

Boosts the health of geriatric animals.

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Prevents and combats excessive hair loss, other dermatological problems and some intestinal pathologies such as poor digestion, coprophagy and flatulence.

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Recommended by veterinarians  
–Complete, balanced and effective.

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Highly palatable Chews – Facilitate daily intake.

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Suitable for all breeds and ages.



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### Indications:

- Improves appetite and general condition in those animals that present apathy, loss of appetite and enervation, while stimulating metabolism.
- Recommended in animals with high nutritional needs due to organic problems (disease, convalescence), stress or high activity (athletic, very active).
- Strengthens the immune system, improving defences in situations of stress, environmental changes, convalescence...
- Indicated in older animals to protect and improve health.
- In growing animals to promote optimal bone development and in pregnant and lactating females to improve foetal development and support lactation.
- Helps prevent and fight excessive hair loss and other dermatological problems.
- Recommended in intestinal problems such as poor digestion, coprophagy and flatulence.
- Prevents possible vitamin, mineral, amino acid and essential fatty acid deficiencies associated with poor nutrition.

**Target Species:** Dogs.

**Safety:** MULTIVA Active Dog is a highly safe product, suitable for all breeds and ages. In dogs with special needs it may be necessary to administer for prolonged periods, in which case, follow the instructions of your veterinarian.

**Dosage:** 1 Chew for every 15 kg of weight, once a day.

**Warnings:** VetNova is a pioneer in the development of Chews technology to facilitate the administration of supplements to dogs and cats. Unlike tablets, capsules, etc, which are administered orally "by force" to ensure the product is taken, Chews should be freely administered in the feeding bowl and the animal left to consume them voluntarily. Some shy dogs may need more time to fully accept them, but once they do, daily intake is easier and more satisfactory. To facilitate initial acceptance, the following strategies can be followed during the first week: 1) Reduce and then progressively increase the dose, 2) Divide the daily dose into two parts (morning and night), 3) Crush the chew and mix with pâté or any food that appeals to the pet, etc. Keep the container tightly closed, in a cool, dry place, protected from direct sunlight and out of the reach of children and animals.

**Presentation:** 45 Chews.

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T.: +34 918 440 273 · [vetnova@vetnova.net](mailto:vetnova@vetnova.net) · [www.vetnova.net](http://www.vetnova.net)

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