**BENECORP® F**
Tablets for dogs

**COMPOSITION**

<table>
<thead>
<tr>
<th>Content</th>
<th>Benecorp® F</th>
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</thead>
<tbody>
<tr>
<td>Calcii hydrogenphosphas dihydras</td>
<td>2300 mg</td>
</tr>
<tr>
<td>Cholecalciferolum (vit. D₃)</td>
<td>250 UI</td>
</tr>
<tr>
<td>Natrii fluoridum (0.9 mg fluor)</td>
<td>2.0 mg</td>
</tr>
<tr>
<td>Excipients: Magnesium stearate, aerosol, hydroxypropyl cellulose, flavours and aromas</td>
<td>In one tablet</td>
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</tbody>
</table>

**PHARMACOLOGICAL ACTION**

Calcium, phosphorus, fluorine and vitamin D₃ are essential for skeleton and teeth formation. Calcium, after resorption in the small intestines, is used as a constructive material in the bone tissue. Part of it is found in a labile condition and if necessary, serves for maintaining of calcium level in the blood and tissues. Calcium is important for nerve impulse transmission (secretion of acetylcholine and other mediators); it regulates the normal stimulation of the nervous and muscle system; stimulates the cordial activity. Calcium ions activate pancreatic juice lipase, saliva phosphatase and mitochondrion succinoxidase. Calcium is needed for blood coagulation – helps the activation of vitamin K dependant factors – II, VII, IX, and X and the fibrinogen transformation into fibrin; regulates alkaline acidic balance; acts anti-inflammatory and anti-allergically – thickens the cell membranes and walls of capillaries.

Phosphorous together with calcium are part of the bone tissue. Phosphorous is essential for body metabolism – a number of co-ferments are phospholyrated vitamins. In the form of high-energy phosphates it takes part in adenosinetriphosphate (ATP) building. Phosphorous executes important structural function – enters in the structure of phospholipids, phosphoprotein, phosphoglycoside, etc. It participates in RNA and DNA building.

Vitamin D₃ with the help of calcium-binding protein stimulates calcium and phosphorous resorption in the small intestines; helps phosphorous re-absorption from the kidneys. It is essential for the normal growth of the bones, maintenance of the physiological process of mineralisation and exchange of bone tissue.

Fluorine is important for teeth formation – dentine and enamel formation; as well as for bones mineralisation.

The component composition of Benecorp® F is in optimal proportions conformable to requirements of canine organism; it protects from rachitis and osteomalacia – maintains calcium and phosphorous level in the blood and homeostasis.

**INDICATIONS**

For prophylaxis, metaphylaxis and treatment of rachitis and osteomalacia in dogs, as well as in other diseases connected with calcium, phosphorous and vitamin D₃ deficiency – secondary parathyroiditis of nutritional origin, eclampsia, bone fracture, etc. The needs of calcium, phosphorous and vitamin D₃ are greater in growing dogs of the larger breeds, pregnant and especially lactating female dogs fed misbalanced food with respect to mineral substances. In dogs fed balanced food Benecorp® F should be applied only by prescription of veterinarian.
CONTRAINDICATIONS
Not established.

MODE OF ADMINISTRATION
Orally. The adult trained dogs ingest tablets spontaneously, while in the young non-trained dogs the tablets should be placed by hand in the mouth above the tongue.

TARGET SPECIES
Dogs

DOSAGE
For prevention:
1 tablet daily per 10 kg body weight.
1/2 tablet daily per 5 kg body weight.
1/3 tablet daily per 2.5 kg body weight.
When the dog is fed calcium – and phosphorus-deficient food (meat, bread and bakery foods) and is in the growing or lactation period it can be given continuously the prophylactic dose of Benecorp® F once per day.

For treatment:
By prescription of the veterinarian and provided no other calcium-containing products are administered, the dose can be doubled; the treatment lasts for about three weeks and then can continue with the prophylactic dose.
In all other cases the product should be applied by prescription of a veterinarian.

SIDE EFFECTS
Not established.

WITHDRAWAL PERIOD
Not applicable.

STORAGE
In the original container, in dry facilities, protected from direct sunlight.

PACKING
Box with two blisters of 10 tablets each.

WARNING
Do not eat, drink or smoke while handling the product. After handling wash the hands with water and soap. Keep away from the reach and sight of children.