**COMPOSITION**

<table>
<thead>
<tr>
<th>Content</th>
<th>Bioselet® E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium selenite</td>
<td>0.6 mg</td>
</tr>
<tr>
<td>D,L-α-tocopherol acetate (Vit.E)</td>
<td>25.0 mg</td>
</tr>
<tr>
<td>Excipients: Butylhydroxytoluene, benzyl alcohol, macrogolglycerol ricinoleate, citric acid, purified water</td>
<td>Up to 1 ml</td>
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</tbody>
</table>

**PHARMACOLOGICAL ACTION**

Selenium and Vitamin E belong to the biological antioxidants. They prevent forming of peroxides from the unsaturated fatty acids, participating in the pathogenesis of the encephalomalacia, muscular dystrophy and other myopathies in mammals and poultry. They facilitate the defence of the organism against stress. Selenium is an important part of the enzyme glutathione peroxidase. This enzyme destroys the peroxides prior to them damaging the tissues. Selenium and Vitamin E prevent the cells from peroxidase damage. There is a synergism between selenium as a microelement and vitamin E. Vitamin E is easily destroyed in presence of peroxides (rancid feed, etc.). Selenium increases the immune defence of the animals. This effect is larger in presence of vitamin E. The same is valid also for the synthesis of the sulphur-containing aminoacids in the body.

The product stimulates fertility, (enhances spermiogenesis and fertilization ability, improves the pregnancy carrying; stimulates the egg-laying and egg-hatchability in poultry) and growth, as well as the resistance of the organism against infectious diseases.

**INDICATIONS**

In muscular dystrophy, exudative diathesis, encephalomalacia, helicopter disease in poultry and turkey, for growth promoting, for increasing the laying capacity and hatchability of the eggs.

**CONTRAINDICATIONS**

Not established.

**MODE OF ADMINISTRATION**

*Orally*, with the drinking water, as a sole source of liquid.

**TARGET SPECIES**

Chickens, Turkey poults, Japanese quails and ducklings.

**DOSAGE**

Chickens – orally

*For prophylactic treatment:*

0.1 ml/l water up to the 10th day of age, 0.2 – 0.3 ml/l water from the 11th day to 15th day of age and 0.4 – 0.5 ml/l water from the 16th day to 20th day of age in the course of 3-5 days.
For therapeutic treatment:
The therapeutic dose is up to 2 times higher and is applied in the course of 5 days. If necessary, the course can be repeated after a 5-day interval.

Turkey poults, Japanese quails and ducklings
0.3 ml/l water in the course of 3-7 days.

SIDE EFFECTS
In case of overdosing (exceeding 5 times the recommended maximum doses) manifestations typical for selenium intoxication are possible. To overcome the disturbances occurred it is recommendable to add sulphur-containing proteins in the diet (methionine, cystine, cysteine).
In case of prolonged application of the product (more than 10 days) it is possible to observe softened faeces in the poultry treated.

WITHDRAWAL PERIOD
Not applicable.

STORAGE
In the original packing, in dry and well-ventilated facilities, protected from direct sunlight.

PACKING
Plastic bottles of 50 ml, 1.0 L and 5.0 L.

WARNING
Keep out of reach of children.