

# SUPLEXAN<sup>®</sup>

## BIOTIN

- Promoting proper plumage in birds
- Mitigation of skin inflammation
- Fertility disorders

 Animal  
Health Product



### SUPLEXAN<sup>®</sup> BIOTIN

– a vitamin-mineral combination with added lysine to improve the condition of skin, fur and feathers. The product is particularly recommended for geese and all species of aquatic poultry.

## PURPOSE

**SUPLEXAN® BIOTIN** – is suitable for all species and groups of poultry and swine production. It may be used at any time of rearing, as it requires no withdrawal period. It may be administered with drinking water.

## COMPOSITION

### Feed materials (in 1 kg of product):

Vegetable glycerin (13.8.2)  
Sorbitol (13.5.5)

### Feed additives (in 1 kg of product):

#### Nutritional additives:

#### Vitamins, pro-vitamins and chemicals with similar effects to vitamins:

biotin (D-biotin)	4 500 000 mcg
vitamin A (E672 - retinyl palmitate)	500 000 IU

#### Amino acids, their salts and similar products:

L-lysine HCL (3.2.3)	10 000 mg
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#### Trace elements:

Zinc - Zn E6 (zinc acetate) 10 000 mg

#### Zootechnical additives:

*Salvia officinalis* oleoresin 3 000 mg

#### Technological additives:

emulsifier:

glycerin polyethylene glycol ricinoleate (E484)	20 g
antioxidant: etoxyquin (E324)	500 mg
preservative: potassium sorbate (E202)	2 000 mg

## USE

- **poultry:** 1–2 l per 10 000 L of water for several days
- **swine:** 1–3 l per 10 000 L of water for several days

## INDICATIONS

- feathering disorders
- inflammation of skin, fingers, hooves
- feather pecking
- moulting period in birds
- fertility disorders
- pododermatitis

## PROPERTIES

**SUPLEXAN® BIOTIN** – is a mixture rich in biotin, zinc and lysine, which induce proper development of skin and its products – feathers and hooves.

The presence of vitamin A and biotin enhances feathering of birds and supports treatment of ulcers, pododermatitis, and prevents hoof chafing in piglets.

Zinc contributes to proper bone mineralisation, thus is essential for normal growth.

Zinc function is supported by lysine, which is an essential component of the structural proteins of skin, tendons, cartilage and bones.

In addition, this amino acid is present in the hair root protein and affects the quality and rate of bird moulting.

SUPLEXAN BIOTIN supports fertility, improves ovaries function, and ensures proper development of genitalia, and also reduces the incidence of embryonic mortality.

Essential oils and flavonoids present in sage support healing of the skin and combat oxidative stress.

The use of SUPLEXAN BIOTIN supplements key components needed to maintain proper condition of skin, feathers, and hooves.

## BENEFITS

- **promoting proper plumage in birds**
- **mitigation of skin inflammation**
- **prevention of feather pecking**
- **supporting proper development of feathers, fingers, and hooves**
- **enhancement of fertility and hatchability**
- **supplementation of biotin and zinc deficiencies**

