

Olderm

NEW

FOR HEALTHY SKIN AND SHINY HAIR

Supplementary compound feed for dogs, cats and small fur-bearing animals

Omega acids, biotin, zinc,
Vitamins A, B₁, B₆, B₁₂, E



Olderm

Active ingredients in a twist-off capsule:

fish oil, including:

- eicosapentaenoic acid (EPA)
- docosahexaenoic acid (DHA)

salmon oil

borage oil, including

- gamma-linolenic acid (GLA)

zinc gluconate

DL-alpha-tocopherol acetate (vitamin E)

D-biotin

pyridoxine hydrochloride (vitamin B₆)

thiamine hydrochloride (vitamin B₁)

cyanocobalamin (vitamin B₁₂)

retinyl palmitate (vitamin A)

Olderm

Olderm contains essential unsaturated fatty acids (EFAs) having a positive effect on the skin and hair condition. Essential unsaturated fatty acids (EFAs) of the omega family belong to the most important nutrients helping to maintain normal skin and hair condition. An increased amount of the mixture of these acids in the animal diet supports treatment of inflammation at diseased sites, reducing pruritus and mitigating symptoms of atopic dermatitis (AD), and, in winter, preventing skin cracking of dog's paw pads.

3 Omega

Olderm Omega 3 acid deficiency leads to flaking of the skin, brittleness and loss of hair, as well as loss of elasticity. Since they are not produced in the body, they must be supplied with food, mainly in the form of marine fish oils.

Polyunsaturated omega-3 fatty acids, such as eicosapentaenoic acid and docosahexaenoic acid, and omega-6 fatty acid restrict skin inflammation and modify the synthesis of leukotrienes and prostaglandins. They also help maintain the skin lipid layer.

6 Omega

GLA plays an important role in maintaining normal skin lubrication and elasticity. Deficiency of this acid may cause abnormal functioning of the skin protective barrier and of the wound healing process. Normal GLA level supports the body in long-term treatment of atopic dermatitis.





Olderm capsules contain zinc and biotin which help maintain healthy skin, coat, hair and claws.

Zn Zinc

Zinc is one of essential microelements in the body, which supports regeneration of skin cells. Its deficiency in the dog diet leads to specific disorders called zinc-responsive dermatoses. Their course involves appearance of characteristic skin lesions: grey scales, crusts and ulcerations.

Olderm contains zinc in the form of zinc gluconate. Enriching the diet with organic zinc and omega acids causes improved hair growth and the hair itself becomes smoother and more shiny.

B₇ Biotin

Biotin is also called vitamin B7 or vitamin H. It may be used in the treatment of dermatological diseases. It regulates the function of sebaceous glands and inhibits sebum secretion, thereby reducing skin oiliness.

Its deficiency leads to increased brittleness of hair, which may also become dull. Indications for biotin supplementation include dry, keratotic epidermis, and dull, brittle and shedding hair.

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OLDERM STRENGTHENS AND PROTECTS

Olderm is a complex of vitamins and EFAs, which strengthens the skin protective barrier and natural body immunity, improves the quality, strength and density of hair, and shortens the shedding period

A Vitamin

Vitamin A – is responsible for growth and differentiation of cells, including epidermal cells. Taken orally, it improves the condition of the hair coat.

B Vitamins

Vitamins of group B play a key role in the omega-3 and-6 family of fatty acids. These vitamins are coenzymes of numerous enzymes participating in EFA metabolic processes, so the efficacy of the supplementation with omega acids depends on the correct level of these vitamins in the body.

E Vitamin

Vitamin E is a food antioxidant, which protects e.g. polyunsaturated fatty acids against oxidation. It takes part in the inactivation of reactive oxygen species, which damage the skin and hair cells.

Vitamin E is used as supportive treatment in dermatological diseases, mainly in dogs with AD which develop disorders in the metabolism of this vitamin.



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Supplementation with Olderm capsules strengthens the skin protective barrier and natural body immunity, improves the quality, strength and density of hair, and shortens the shedding period.

THERAPEUTIC INDICATIONS:

- shedding and increased brittleness of hair;
- supportive treatment in dermatological disorders (dermatoses with genetic or allergic background);
- excessive skin scaling;
- dry skin;
- diet poor in nutrients;
- in the period of shedding or after pregnancy.

METHOD OF ADMINISTRATION

- up to 15 kg of body weight – 1 capsule a day
- above 15 kg of body weight – 2 capsules a day

The capsule may be administered in whole or mixed with food.

The capsule tip may also be twisted and torn off, and its contents administered orally on paw or add to food.

twist-off capsules



Olderm

Capsules for dogs, cats
and small fur-bearing animals,
improving skin and hair condition

A blister contains 15 soft twist-off capsules.

Blisters are secured
with ALU foil + PVC/PVDC 250/40 film

A single carton contains
4 blisters of 15 capsules

Literature:

- 1) Firląg M., Gaca K., Bałasińska B.: „Zastosowanie wielonienasyconych kwasów tłuszczowych n-3 w leczeniu psów i kotów”. *Życie Wet.* 2013, 88, 565-568
- 2) Felska-Błaszczak L., Pęzińska-Kijak K., Ławrów N.: „Higiena i profilaktyka w chowie i hodowli psów”, Piąte warsztaty kynologiczne, Szczecin 30.11-2.12.2018 r., 11-14
- 3) Hensel P. „Nutrition and skin diseases in veterinary medicine”, *Clinics in Dermatology*, 2010, 28, 683-693
- 4) Mirowski A.: „Oleje rybne w żywieniu psów i kotów”, *Życie Wet.* 2013, 93, 688-689
- 5) Mirowski A.: „Witamina A w żywieniu psów i kotów”, *Życie Wet.* 2014, 89, 497-498
- 6) Mirowski A.: „Cynk w żywieniu psów i kotów. Część I. Znaczenie, zawartość w organizmie, użyteczność różnych postaci chemicznych, zawartość w karmach komercyjnych”, *Życie Wet.* 2013, 88, 377-378
- 7) FEDIAF „Wytyczne żywieniowe dotyczące pełnoporcjowych i uzupełniających karm dla kotów i psów”, marzec 2019, wetgiw.gov.pl



Olderm

Strengthening and improvement of the skin and hair condition (biotin, zinc, EFAs, vitamins A, B1, B6, B12, E)

Properties and indications

Olderm contains a complex of vitamins and essential unsaturated fatty acids (EFAs) having a positive effect on the skin and hair condition. EFAs support the function of hydrolipid barrier of the stratum corneum, thus protecting the body against excessive loss of water. Zinc participates in the process of skin cell regeneration. Biotin suppresses the intensity of skin oiliness. As an antioxidant, vitamin E protects hair cells against negative effect of external factors. Vitamin A is responsible for normal growth and differentiation of epidermal cells. Vitamins B1, B6, B12 participate in the metabolism of omega fatty acids.

Supplementation with Olderm capsules strengthens the skin protective barrier and natural body immunity, improves the quality, strength and density of hair, and shortens the shedding period.

Older is recommended in:

- shedding and increased brittleness of hair
- supportive treatment in dermatological disorders (dermatoses with genetic or allergic background)
- excessive skin scaling
- dry skin
- diet poor in nutrients
- in the period of shedding or after pregnancy

Method of administration:

- up to 15 kg of body weight – 1 capsule a day
 - above 15 kg of body weight – 2 capsules a day
- The capsule may be administered in whole directly into the oral cavity, or it may be mixed with other food. The capsule tip may also be twisted and torn off, and its contents administered directly into the oral cavity, on the paw or added to food.

It is best to use Olderm after veterinary consultation.

Analytical composition:

raw protein 21.2 %, raw fat 56.6%, raw fibre < 0.2%, raw ash 5.28%, humidity 4.5%

Composition of each capsule:

fish oil 300 mg;
beef gelatine (capsule walls) 150.8 mg;
salmon oil 100 mg;
Glycerol (capsule shell component) 69.5 mg;
vegetable oil (from borage) 50 mg;
calcium carbonate 5 mg;
magnesium oxide 5 mg.

Essential unsaturated fatty acids (EFAs)/capsule:

- Omega-3 acids (EPA, DHA, SDA, ALA) 113.5 mg
- Omega-6 acids (GLA, LA) 48.1 mg
- Omega-9 acids (oleic acid) 72.1 mg

Analytical ingredients/Trace elements/1 kg:

zinc (zinc gluconate) 1997 mg, magnesium 2800 mg, potassium 120 mg, sodium 230 mg

Dietary additives/Vitamins/1 kg:

- 3a700/Vitamin E - 3 329 mg
- 3a880/Biotin -1 332 mg
- 3a831/Vitamin B6 - 932 mg
- 3a820/Vitamin B, - 732 mg
- 3a672a/Vitamin A - 533 mg
- 3a835/Vitamin B12 -1.3 mg

Sensory additives/ Ingredients of the capsule shell)/1 kg:

E172/Red ferric oxide 1 332 mg/kg

Technological additives/Emulsifiers/1 kg:

1c322/Soy lecithin 4527 mg

Technological additives/Anti-caking substances/1 kg:

E551b/Colloidal silica 10 280 mg

Storage conditions

Store in the original package at room temperature. Protect from light and moisture.

60 twist-off capsules (751 mg/capsule)

Supplementary compound feed for dogs, cats and small fur-bearing animals.

Veterinary identification number: 06148301

