

DOGS + CATS

SKIN HEALTH SUPPORT



ATOPI-3

Sometimes
even superheroes
need some
support...

For a complete
and balanced support
of skin health.



artuvet
a nextmune company

Soothes dry, irritated and sensitive skin
Reduces itching and scratching
Promotes a healthy skin

DIETETIC COMPLEMENTARY FEED FOR DOGS AND CATS SUFFERING FROM DERMATOSIS AND EXCESSIVE LOSS OF HAIR.

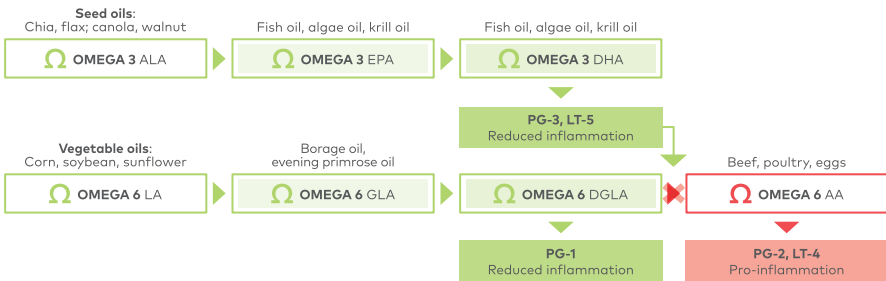
ATOPI-3 contains a complete and balanced combination of EPA (eicosapentaenoic acid), DHA (docosahexaenoic acid), ZINC, MSM (methylsulfonylmethane), VITAMIN E, VITAMIN C and VITAMIN A.

The scientifically developed and unique composition of ATOPI-3 helps to maintain the skin's natural barrier, promotes skin repair, helps to control excessive skin inflammation and supports neutralisation of free-radicals (antioxidant).



ATOPI-3 combines high levels of the most efficient Omega 3 (EPA and DHA), Zinc, MSM, Vitamin E, Vitamin C and Vitamin A

Modern diets have evolved to be high in Omega 6 and low in Omega 3 fatty acids. If not balanced by Omega 3, too much Omega 6 in the diet can lead to excess Arachidonic Acid (AA) which can be converted into pro-inflammatory metabolites.



Supplementation with high doses of EPA and DHA allows reduced use of drugs with side effects¹ and significantly improves pruritus, alopecia and coat condition².

ATOPI-3 liquid (emulsified) form enhances EPA and DHA absorption when compared with other forms (ex: encapsulated)^{3,4}.

MSM has become a popular dietary supplement used for a variety of purposes, including anti-inflammatory agent, joint/muscle pain, oxidative stress, and antioxidant capacity⁶. In animal models evidence shows that MSM administration inhibits significantly scratching behavior and alleviates skin inflammation⁷.

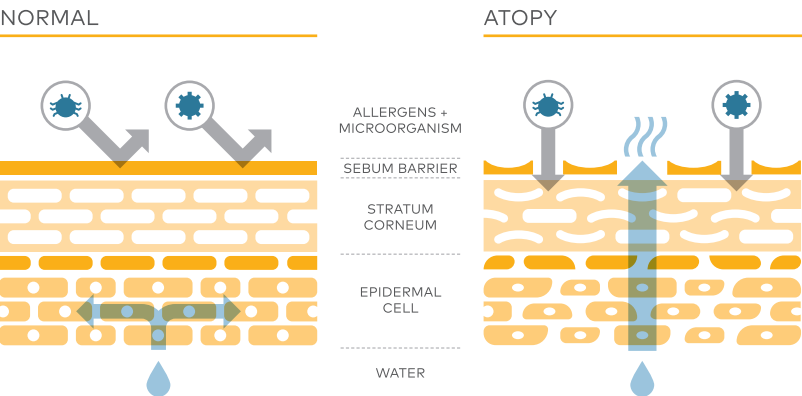
clinical condition with supplementation of Vitamin E supports its importance in CAD⁹. In addition, recent findings suggest that oxidative stress plays a role in the pathogenesis of CAD and that dogs can benefit from antioxidant targeted therapies¹⁰.

Vitamin A is a key vitamin in the epithelial homeostasis and keratinisation. Essential for the treatment of vitamin A-responsive dermatitis¹¹.

Zinc plays an important role on the immune system regulation, wound healing and keratinization. Zinc supplementation can make significant and substantial enhancements of the skin and coat condition⁵.

Vitamin E and Vitamin C are major natural antioxidants protecting skin from the adverse effects of oxidative stress. Low levels of plasma Vitamin E concentrations are found in canine atopic dermatitis (CAD)⁸. Improved

Healthy Skin vs Atopic Dermatitis



Epidermal barrier dysfunction
Increased transepidermal water loss
Decreased ceramide levels
Disturbed lamellar body extrusion (keratinocytes)

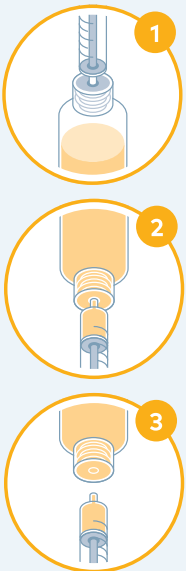
ATOPI-3 Unique Composition

	SKIN INFLAMMATION	SKIN BARRIER	SKIN REPAIR	ANTIOXIDANT	ITCHING AND SCRATCHING
EPA	●	●			●
DHA	●	●			●
ZINC		●			
MSM	●		●		
VIT E				●	
VIT A		●	●		
VIT C				●	

Daily feeding guide

Dog weight	Daily amount	How many weeks will 1 bottle last?
5 kg	1,5 ml	19
10 kg	3 ml	9
20 kg	6 ml	4
30 kg	9 ml	3

Cat weight	Daily amount	How many weeks will 1 bottle last?
5 kg (average cat)	1,5 ml	19



Easy to give



Once a day, mixed with food or directly into the mouth.
ATOPI-3 should be administered for a minimum of 6 weeks, and ideally on an ongoing basis.
ATOPI-3 is available in a 200ml bottle, including coupling syringe and Sealsafe® system.





SKIN HEALTH SUPPORT



ATOPI-3

DIRECTIONS FOR USE

Helps re-establishing and maintain a healthy skin when affected by conditions that compromise the skin's integrity. For dogs and cats.

ADMINISTRATION

3ml per 10kg of weight.

Weight	5 Kg	10 Kg	20 Kg	30 Kg	40 Kg
Per day	1,5 ml	3 ml	6 ml	9 ml	12 ml

Once a day, mixed with food or directly into the mouth.

Recommended to give for at least 6 weeks.

The administration period may vary, depending on the veterinarian's advice and skin's condition.

Can be administered for long periods of time.

For oral administration.

Liquid solution.

Shake before use.

COMPOSITION

	PER 100 ml
Omega 3	19500 mg
EPA (eicosapentaenoic acid)	11800 mg
DHA (docosahexaenoic acid)	7700 mg
MSM	2000 mg
Vitamin E	860 mg
Zinc	560 mg
Vitamin C	400 mg
Vitamin A	9 mg

Analytical constituents: Refined fish oil 65,9%; Beef broth paste 10%; Dextrose 3%; Methylsulfonylmethane 2%; Propyleneglycol 0,13%. **Additives:** Sucralose 35 mg/kg.

Emulsifiers: Sorbitan monooleate 400 mg/kg; Polysorbatum 400 mg/kg. **Vitamins:** Ascorbic acid 411 mg/kg; Vit. E 7204 mg/kg; Vit. A 315000 UI/kg. **Trace elements:** Zinc acetate dihydrate 4796 mg/kg.

Analytical composition: Crude Protein 3,5%; Crude Fiber 0,5%; Crude Ash 2,25%; Crude Fat 68,3%; Moisture 22,3%.



RECOMMENDATIONS

Store in a cool and dry place.



Including:
coupling syringe



Sealsafe® system

1. SAEVIK BK, et al (2004) **A randomized, control study to evaluate the steroid sparing effect of essential fatty acid supplementation in the treatment of canine atopic dermatitis.** Vet Dermatol. 15(3): 137-45
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3. GOFFIN K, et al (2017) **Effects of matrix on plasma levels of EPA and DHA in dogs.** J Nutr Sci. 6: e37
4. RAATZ S, et al (2009) **Enhanced absorption of omega 3 fatty acids from emulsified compared with encapsulated fish oil.** J Am Diet Assoc. 109(6): 1076-1081
5. MARSH KA, et al (2008) **Effects of zinc and linoleic acid supplementation on the skin and coat quality of dogs receiving a complete and balanced diet.** Vet Dermatol. 11(4): 277-284
6. BUTAWAN M, et al (2017) **Methylsulfonylmethane: Applications and Safety of a Novel Dietary Supplement.** Nutrients 9(3): 290.
7. HASEGAWA T, et al (2005) **Anti-inflammatory effect of methylsulfonylmethane (MSM) in mice.** Japanese Pharmacology and Therapeutics 33(12):1217
8. PLEVNIK KAPUN A, et al (2013) **Plasma and skin vitamin E concentrations in canine atopic dermatitis.** Vet Q. 2013;33(1):2-6
9. PLEVNIK KAPUN A, et al (2014) **Vitamin E supplementation in canine atopic dermatitis: improvement of clinical signs and effects on oxidative stress markers.** Vet Rec. 6; 175(22):560.
10. ALMELA RM, et al (2018) **Selected serum oxidative stress biomarkers in dogs with non-food-induced and food-induced atopic dermatitis.** Vet Dermatol. 29(3):229-e82
11. IHRKE PJ, et al (1983) **Vitamin A-responsive dermatitis in the dog.** J Am Vet Med Assoc. 1;182(7):687-90.



Pet's Relief is a registered trademark of Artuvet Animal Health B.V.



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Artuvet is part of Nextmune group, global #1 in allergy diagnostics and treatment.

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