

DOGS + CATS

SKIN HEALTH SUPPORT



NEW  
FORMULA  
no animal  
proteins

ATOPI-3

Sometimes  
even  
superheroes  
need some  
support...



For a complete  
and balanced support  
of skin health.

 nextmune

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.

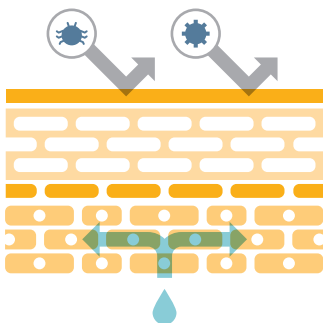
**ATOPI-3** contains a complete and balanced combination of EPA (eicosapentaenoic acid), DHA (docosahexaenoic acid), ZINC, MSM (methylsulfonylmethane), VITAMIN E, VITAMIN C and VITAMIN A.

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**).



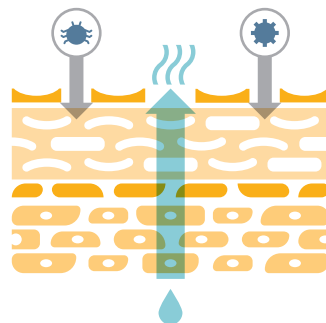
## Healthy Skin vs Atopic Dermatitis

NORMAL



ALLERGENS + MICROORGANISM  
SEBUM BARRIER  
STRATUM CORNEUM  
EPIDERMAL CELL  
WATER

ATOPY



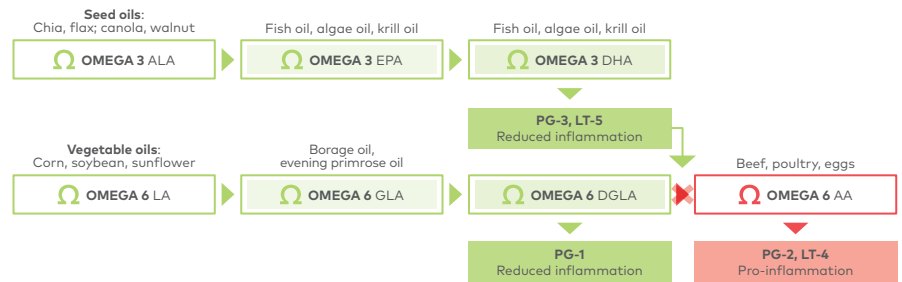
Epidermal barrier dysfunction  
Increased transepidermal water loss  
Decreased ceramide levels  
Disturbed lamellar body extrusion (keratinocytes)

## ATOPI-3 Unique Composition

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

# 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 effects<sup>1</sup> and significantly improves pruritus, alopecia and coat condition<sup>2</sup>.

**ATOPI-3** liquid (emulsified) form enhances EPA and DHA absorption when compared with other forms (ex: encapsulated)<sup>3, 4</sup>.

**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 condition<sup>5</sup>.

**MSM** has become a popular dietary supplement used for a variety of purposes, including anti-inflammatory agent, joint/muscle pain, oxidative stress, and antioxidant capacity<sup>6</sup>. In animal models evidence shows that MSM administration inhibits significantly scratching behavior and alleviates skin inflammation<sup>7</sup>.

**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)<sup>8</sup>. Improved

clinical condition with supplementation of Vitamin E supports its importance in CAD<sup>9</sup>. In addition, recent findings suggest that oxidative stress plays a role in the pathogenesis of CAD and that dogs can benefit from antioxidant targeted therapies<sup>10</sup>.

**Vitamin A** is a key vitamin in the epithelial homeostasis and keratinisation. Essential for the treatment of vitamin A-responsive dermatitis<sup>11</sup>.

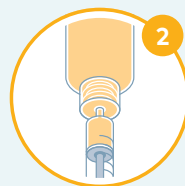
## Daily feeding guide



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



**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<sup>®</sup> system.



Coupling syringe



Sealsafe<sup>®</sup> system



### 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
<b>Omega 3</b>	22850 mg
EPA (eicosapentaenoic acid)	13700 mg
DHA (docosahexaenoic acid)	9150 mg
<b>MSM</b>	2000 mg
<b>Vitamin E</b>	860 mg
<b>Zinc</b>	560 mg
<b>Vitamin C</b>	400 mg
<b>Vitamin A</b>	2 mg

#### Analytical constituents:

Refined Fish Oil 78.7%; Dextrose 3%; Methylsulfonylmethane 2%; propylene glycol 0.1%. **Additives:** Sucralose 35 mg/kg.

**Emulsifiers:** Sorbitan monooleate 400 mg/kg; Polysorbatum 400 mg/kg.

**Vitamins:** Ascorbic acid 410 mg/kg; Vit E 8850 mg/kg; Vit A 357000 IU/kg.

**Trace elements:** Zincacetatedihydrate 16100 mg/kg.

**Analytical composition:** Crude Protein 0.03%; Crude Fiber 0.05%; Crude Ash 0.27%; Crude Fat 98%; Moisture 0.76%.

#### RECOMMENDATIONS

Store in a cool and dry place.



Including: coupling syringe



Sealsafe® system

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2. LOGAS D, et al (1994) **Double-blinded crossover study with Marine oil supplementation containing high-dose icosapentaenoic acid for the treatment of canine pruritic skin disease.** *Vet Dermatol.* 5(3): 99-104
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 Nextmune



eye on patient,  
mind on innovation

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