

New Solutions for the Relief of Atopic Disease in the Dog

House dustmites are the major cause of atopic disease in the dog and humans, implicated in over 70% of cases. In veterinary medicine, atopic dermatitis is currently managed by drug therapy and/or allergen immunotherapy but allergen avoidance is preferable if it can be achieved. New products from Centaur Services Ltd now offer that option to the Veterinary Surgeon.



House Dustmites & the Nature of the Allergens

There are 13 species of dustmite, three of which are very common in homes namely *Dermatophagoides farinae*, *D. pteronymssinus* and *Euroeglyphus maynei*. Dustmites are less than 0.5 mm in length and indiscernible to the eye. The allergenic particles Der p 1, Der p 3, Der p 6 and Der p 9 emmanate from dead mite bodies and are found in their faeces. The residue of the dustmite is found principally in beds, sofas, carpets, soft furnishings and soft toys. The optimum environment is around 21°C with humidity and an ample supply of dog or human skin cells – in effect, the typical central heated home. The allergen burden for the immuno-compromised dog is exacerbated during the pollen season and in response to the spring rise in hormonal activity.

Typical Symptoms



- * Pruritis (itching) – face, lower legs, groin, ears & tummy
- * Lesions caused by scratching
- * Greasy coat (Seborrhoea)
- * Secondary infections
 - *Malessezia pachydermis*
 - *Staphylococcus aureus*
- * Skin reddening (Erythema)
- * Skin thickening (Pyorrhoea)
- * Hair loss (Alopecia)

Type 4 allergic reactions in dogs are by far the most common but some do suffer from Type 1 ---- rhino-conjunctivitis, wheezing and sneezing.

The Bio-Life HomeCare™ Solutions

The new product offerings, Bio-life HomeCleanse, FabriCleanse and AirCleanse are based on natural acaricides, Benzyl benzoate and Eucalyptus essential oils proven to reduce the dustmite population in the home by over 95%. Benzyl benzoate is the short acting acaricide.

The Eucalyptus essential oil provides medium term relief. The oils are combined with negatively charged surfactants that encapsulate the positively charged allergen particles. The formulations, tested in the UK, the Netherlands, Israel and the USA are proven effective for over 86% of dustmite sensitive dogs. The products are Allergy UK and National Pharmacy Association accredited.



Available from the
Centaur Services Ltd
 Tel: 01963 352211
 Web site: www.centaurweb.co.uk

Product Application

The Bio-Life HomeCleanse trigger pump spray is a simple and effective treatment for dog baskets, sofas and any other unwashable soft furnishings that the dog may lie on. The product only needs to be used once per month, every month to maintain a virtually dustmite free environment.

The FabriCleanse laundry additive is used for the dog bedding and any washable soft furnishings and is effective even at low temperatures. Dustmite are killed by a wash in water over 55°C but many fabrics will not tolerate it and the cost is prohibitive with high energy prices. It is recommended that the dog bedding is washed at least once per month. FabriCleanse can also be added to the normal carpet cleaning solutions to get rid of dustmite in carpets. The highly concentrated solution means that a once per 3 month application rate is sufficient in this instance.

AirCleanse, the Nitrogen propelled aerosol spray is especially recommended for dogs that also suffer from rhino-conjunctivitis during the pollen season not to mention hayfever sufferers.

DIRECTIONS FOR USE

Bio-Life HomeCare™			
PRODUCT	APPLICATION	AT THE RATE OF	FREQUENCY OF USE
			Type 1 Allergy Type 4 Allergy

AirCleanse™	Air Spray	1 spray per 5 cubic meters	Twice/week	Not applicable
HomeCleanse™	Pet Bed Rugs & settees	4 sprays per square meter	Once/month	Once/month
FabriCleanse™	Washing additive	50 ml/wash (bedding)	Routine	Routine
	Carpet Cleaner	1ml/litre of cleaning solution	Every 3 months	Every 3 months