



Mosquito Shield T/A MozzGo
5 Orchard Close
Kemble, UK
GL7 6AR

Tuesday, 14th March 2017

To Whom It May Concern:

Re: The MozzGo products, AM1, AM2 and AM3`

Mosquito Shield Ltd can confirm that the products Mozzgo AM1, AM2 and AM3 are safe for use on Adults and children over the age of 2 months. The active ingredient in the products is Permethrin.

Permethrin is a man-made version of a natural insect repellent found in certain chrysanthemum plants. It has little systemic absorption, and is considered safe for topical use in adults and children over the age of 2 months.

The process used by Mosquito Shield Ltd utilises a proprietary permethrin formula to provide effective, odourless insect protection that lasts beyond the expected lifetime of the textile item.

Ultra-low dosages of permethrin as part of our anti mosquito system, at 500ppm it is far less than the World Health Organisation recommended levels.

Permethrin has been successfully used in the United States as a U.S. Environmental Protection Agency (EPA) registered product since 1977, with an excellent safety record.

It is widely used in crop protection, domestic insect control products, anti- mosquito nets and topical sprays and creams as well as in impregnated garment end uses such as military uniforms and travel clothing.

It is also used in lice shampoos for children, flea dips for dogs, and various other products, some of which are regulated by the FDA.

We have chosen permethrin because it has not had any known side effects on humans when utilised correctly and is extremely effective at ultra-low levels when used in our technology.

Our products are not water solvent therefore will not be removed from the textile when say the article is placed in a human being mouth or in a washing machine.

Our products have been tested independently – they do not emit any Volatile Organic Compounds (VOCs), nor do they cause skin irritation.

The other ingredients contained within our products are IP protected and mainly based on cosmetic preparations i.e. ingredients used on skin. All ingredients meet regulations of REACH (Registration, Evaluation and Approval of Chemicals) and the EBD (European Biocides Directive).

During product manufacture no waste product is allowed to enter the water course, therefore there is no negative effect on aquatic life.

Permethrin is also listed as a registered product by the UK Pesticides Safety Directive. In their factsheet on Permethrin the UK Environment Agency states:

*“Permethrin is unlikely to be a hazard to the environment when used as recommended...
Permethrin has a low to moderate persistence in the soil environment and is readily degraded in soil and water.....no significant global impacts*

Yours faithfully

Graeme Robson
Mosquito Shield Ltd.