

## Is the Insecticide Safe for my Children and Pets?

Mosquito and fly control misting systems have been in operation in horse stables since the 1970s and since the 1990s they have been in operation in the residential market beginning in the Houston area and the Florida area. Presently, there are tens of thousands of homes with these systems installed and using insecticide solutions on a daily basis. As a result, many people are using them and finding success with them without any ill effects.

That being said, according to the Environmental Protection Agency (EPA) no insecticide should be considered to be "safe." If it were safe that would mean you can drink of a concentrated solution of it and it would have no ill effects on the person or animals that had just consumed it! Yet, that is not the case with any insecticide on the market today.

But, in an effort to protect humans and the world we live in whenever an insecticide is administered by a commercial pest control business (such as Mr. Mist Systems) they are required by law to adhere to what the label of that particular solution tells them to do. This has already been preset by the EPA in an effort to control and regulate the application of insecticides. This is done to keep humans, animals and our world in the best shape possible.

With all that being said, the primary and secondary insecticide used by Mr. Mist Systems are as follows:

- Pyrethrin - It is one of the most harmless insecticides known for humans and pets, as it has a very low mammalian toxicity, and is rapidly metabolized if accidentally swallowed by warm blooded animals. Pyrethrin has been extensively studied from a toxicology viewpoint. It is low in acute toxicity to humans and other vertebrate animals, is non-carcinogenic and causes no adverse reproductive affects.
- Permethrin has a long history of being applied agriculturally to control against pests in the production of fruits, vegetables, and other crops. It has not been known to cause any chronic toxic effects to humans. Mild eye and skin irritation may occur with direct exposure to permethrin which can be treated by washing the eyes and skin thoroughly with water after contact.

In conclusion, Mr. Mist Systems is extremely conscientious in their application of insecticides through our outdoor misting systems. We always adhere to the guidelines that the EPA has set up for each solution and strive to educate the customer on these precautions. Every precaution is taken including custom design according to landscape and building features, caution stickers placed on our pumps, update cards given to customers to let them know at what times the units will spray and constant education of the customer through our sales appointments, service calls, phone calls, and website.

So, are insecticides safe? No. But can insecticides be used in a misting system without ill effects to pets in the yard and to humans that live on the premises. Yes...if the business that has installed it knows what they are doing and adheres to the label of that particular solution and the consumer uses a common sense approach to their involvement with that insecticide.