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In2Care Mosquito Trap's In2Mix® Safety Statement

To whom it may
concern,

The mixture used in the In2Care® Mosquito Traps comprises 2 biocides; the larvicide pyriproxyfen, and the biological fungus *Beauveria bassiana*. The In2Mix® Safety Data Sheet shows that the pure technical grade ingredients used in our product are not hazardous to humans or mammals (Safety Level 1). The health and environmental effects of the diluted formulated product are even much lower than those stated in the SDS. For US-EPA registration, a full 6-pack toxicity study was performed in a certified GLP lab, and results show acceptably low oral toxicity and dermal irritation.

Both biocides in the In2Mix® have very low acute toxicity. Their LD₅₀ values are higher than 5g oral intake per kg body weight; which is less toxic than for example table salt. The In2Care® Mosquito Trap contains only 0.5 grams of In2Mix in 5 Liters of water. Drinking the entire content would thus still not be toxic to mammals.

WHO has classified pyriproxyfen in the lowest class of toxicity; Class U – Unlikely to present acute hazard in normal use. Pyriproxyfen is even WHO recommended for use as a mosquito larvicide in drinking water to control dengue fever. The fungus *Beauveria bassiana* is EPA approved for use on edible crops. The fungus requires insect-specific cues to germinate and has an optimal growth in insect organisms at a temperature range of 20-32°C. It does not proliferate well in mammalian cells or human body temperatures so is very unlikely to cause human infections, and is considered to be even safer than common baker's yeast in that respect. This fungus is seen as environmentally safe since multiple risk assessment studies conducted in various countries show that the fungus is not toxic to mammals, birds or plants.

When used in accordance with the label and manual instruction, the product is safe for the user and the environment.

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