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STATEMENT

BioSafe - Special Laboratory Services Ltd.

Atte von Wright
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Statement on the toxicological safety aspects of "Bright-Bait" colorant

The safety aspects of the colorant present in "BrightBait" preparation, which is used to feed earthworms to be used as fluorescent baits, were reviewed. Both ecotoxicological and consumer safety aspects were taken into account. Theoretically aqueous environments could be exposed to the colorant via "BrightBait" fed worms, while the fish caught by fluorescent baits could lead to human exposure to this compound. The colorant has been used both in medical diagnostics and as a tracer in studies of groundwater flow. Humans tolerate well single oral doses of one g of the disodium salt of the colorant, while the LC_{50} values of this compound for most aqueous organisms are in the order of hundreds or even thousands of mg per liter. Against this background the environmental consequences of any releases of the colorant in the aqueous environment resulting from the use of "BrightBait", as well as the toxicological effects on humans of any traces of the compound present in caught fish, are negligible.

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Attachment Full literature review