

Indole (PC Code 025000) Fact Sheet

Summary

Indole is a naturally-occurring, aromatic substance that is responsible for the fecal odors associated with human waste. At high concentrations, it gives off the odor of feces but at lower concentrations, it smells flowery. For this reason, it is a common ingredient in perfumes and synthetically-produced essential oils, such as jasmine oil. The end-use product contains 0.2% of the active ingredient. The end use product is contained in a trap that, when placed on the support mechanism, attracts and traps filth flies. No risks to humans or the environment are expected when the fly trap is used according to the label directions.

I. Description of the Active Ingredient

Indole is a naturally-occurring substance responsible for the fecal odors associated with human waste. As all animal waste contains indole, as do some plants and other naturally-occurring substances, it is ubiquitous in the environment. Indole is also a major constituent of coal tar, the main industrial source, but was first isolated from indigo for use as a dyestuff. Indole has fly-attracting properties because its odor suggests a food source or medium suitable for depositing fly eggs.

II. Use Sites, Target Pests, and Application Methods

Bull Run Fly Attractant is intended for outdoor use to attract and trap filth flies. The end-use product is an attractant pouch that is placed in a fly trap. The trap will be placed on a support mechanism in an area where filth flies are found.

III. Assessing Risks to Human Health

Data waivers were granted for all Tier I toxicity data requirements for indole. No subchronic studies were required. The Agency considered human exposure to indole in light of the relevant safety factors in FQPA and FIFRA. A determination has been made that there are no unreasonable adverse effects to the U.S. population in general, and to infants and children. No exposure via drinking water is expected when the fly attractant trap is used according to the product label directions.

IV. Assessing Risks to the Environment

Data waivers were granted by BPPD for all non-target data requirements. Due to the use pattern, there should be no toxicity or adverse effects to non-target organisms. Data waivers were granted for all ecological effects data requirements.

V. Producer Information

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VI. Additional Contact Information

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