

Trimethylamine (PC Code 221801) Fact Sheet

Summary

Trimethylamine is a naturally-occurring product of decomposition of plants and animals. It is the substance mainly responsible for the fishy odor associated with fouling fish, bacterial vaginal infections, and bad breath. Trimethylamine is ubiquitous in the environment at low concentrations and is a plant nutrient. The end-use product contains 2.8% of the active ingredient. The end use product is contained in a trap. When the trap is placed on the support mechanism, filth flies are attracted to the trap. 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

Trimethylamine, a new active ingredient, is a naturally-occurring product of decomposition of plants and animals and is ubiquitous in the environment. Trimethylamine has fly-attracting properties because its strong fishy odor suggests a food source or medium suitable for depositing fly eggs. Trimethylamine is a small nitrogen-containing molecule, is miscible in water, is a plant nutrient, and will not accumulate in the environment.

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 trimethylamine. No subchronic studies were required. The Agency considered human exposure to trimethylamine 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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