

Heptyl Butyrate (100247) Fact Sheet

Summary

Heptyl Butyrate is a food grade compound found abundantly in fresh apples and plums. It is intended for use in residential and commercial areas in traps to control various species of yellowjackets and wasps. Based on the data reviewed by EPA, heptyl butyrate will not cause adverse effects to humans and other nontarget organisms when used according to label directions.

I. Description of the Active Ingredient

The active ingredient heptyl butyrate is a colorless liquid.

- **Common Name:** Heptyl Butyrate
- **Chemical Names:** Heptyl Butyrate
- **Trade & Other Names:** Heptyl Butyrate
- **CAS Registry Number:** 5870-93-9
- **OPP Chemical Code:** 100247
- **Type of Pesticide:** Hornets, wasps and yellowjackets attractant

II. Use Sites, Target Pests, and Application Methods

Bull Run Attractant is intended for outdoor use to attract and trap wasps and yellowjackets. The end-use product is an attractant cartridge that is placed in a trap. The trap will be placed on a support mechanism in areas where the target insects are found.

III. Assessing Risks to Human Health

No risk to human health is expected from the use of heptyl butyrate thanks to its low toxicity. Some potential exists for eye irritation. However, the chance of exposure are minimal, because this compound will be used enclosed in a trap. Based on the review and analysis of the guideline studies, no additional toxicity data are required to support non-food uses of this biochemical.

IV. Assessing Risks To The Environment

The data submitted and reviewed showed that there is no reason to believe that any nontarget organisms, including honeybees and other beneficial insects, would be attracted to or adversely affected by the use of heptyl butyrate in a wasp trap.

V. Regulatory information

On June 16, 2008, the Agency received an application from Bull Run Scientific, VBT to register heptyl butyrate as an active ingredient in an end-use product (EP) containing up

to 99.8% heptyl butyrate. A notice of receipt of the application for registration for heptyl butyrate as a new active ingredient was published in the Federal Register on March 16, 2009 (74 FR 11098), with a 30 day comment period. No comments were received as a result of this publication.

In June, 2009, the Agency granted the registration of the end use products (EP) Bull Run Yellowjacket Attractant, Disposable Bull Run Yellowjacket Trap W and Bull Run Yellowjacket Attractant Cartridge respectively containing 99.8%, 18.9% and 63.9% heptyl butyrate.

VI. Registrant Information

Bull Run Scientific, VBT
3808 N. Sullivan Road, Building 16, Suite H
Spokane, Washington 99216

VII. Additional Contact Information

[Ombudsman, Biopesticides and Pollution Prevention Division](#) (7511P)
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