

PM 17 EPA # 2724-405 P3 10/1
 CLF 9/7/89

ZOECON FZ-515876

An Insect Growth Regulator for the Control of
 Insect Pests in Tobacco Processing and
 Food Handling Establishments

ACTIVE INGREDIENTS:

Methoprene [Isopropyl(E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate.....	65.7%
INERT INGREDIENTS:.....	34.3%
TOTAL.....	100.0%

This product contains 5 lb/gallon (600 grams/liter) methoprene active ingredient.

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

See Back Panel for Additional Precautionary Statements.

NET CONTENTS:



Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response. Page 2.12, Active to Inert Change in Status.

INTRODUCTION: FZ-515876 is an emulsifiable formulation of the insect growth regulator methoprene. It is designed for use in mechanical foggers and as a concentrate for an aqueous emulsive spray. Methoprene, unlike traditional pesticides, does not result in immediate insect kill; instead it interferes with the normal process of insect development and prevents the emergence of adults from larvae infesting treated accumulations of dust and litter. FZ-515876, when used according to label directions, will control the following insects.

- Almond moth (*Ephestia cautella*)
- Cigarette beetle (*Lasioderma serricorne*)
- Sawtooth grain beetle (*Oryzaephilus surinamensis*)
- Red flour beetle (*Tribolium castaneum*)
- Tobacco moth (*Ephestia elutella*)
- Indian meal moth (*Plodia interpunctella*)
- Lesser grain borer (*Rhyzopertha dominica*)
- Merchant grain beetle (*Oryzaephilus mercator*)
- Confused flour beetle (*Tribolium confusum*)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS - CAUTION: Avoid contact with eyes. In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Method, Rate and Timing of Application: Do not apply directly to food or tobacco being processed. Cover or remove any food or tobacco and processing equipment during application. After spraying, wash all equipment, benches, shelving, etc., where food or tobacco will be handled, with potable water.

Application with Mechanical Chemical Foggers: Apply FZ-515876 as a mist or aerosol. Dilute as required following the instructions of the spray equipment manufacturer. Apply FZ-515876 at the rate of 10 ml per 10,000 square feet. Use spray equipment to achieve uniform treatment.

Close room or warehouse and shut off all ventilating systems. Apply the product as a fine mist in the air above the trays, shelves, and in areas where dust may accumulate. Leave the room closed for 30 minutes to allow spray mist to settle on accumulated food or tobacco deposits. Do not remain in treated area and ventilate before entry. Repeat application as required.

Application as an Aqueous Spray: Prepare a diluted spray solution by adding 10 milliliters of FZ-515876 to 10 gallons of water. Apply at a rate of 1 gallon of diluted solution per 1,000 square feet of surface area with any low pressure sprayer typically used for indoor applications. Treat all areas which may harbor insect pests. Repeat application as required.

Mixing Instructions: Partially fill the mixing container with water, add FZ-515876, mix and complete filling with recommended quantity of water. Use diluted spray solution within 24 hours of mixing. Agitate before each use.

STORAGE & DISPOSAL: Store in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. [Metal Containers]: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill, or by other procedures approved by state and local authorities. [Plastic Containers]: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. [Glass Containers]: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

WARRANTY AND CONDITIONS OF SALE

Zecon Corporation warrants that this product conforms to the chemical description on the label and is useful for the control of insect pests in tobacco processing and food handling establishments as described herein. Neither Zecon nor the seller makes any other warranty, express or implied.

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