

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 13 10163-208 2/15

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**FEBRUARY 9, 1996**

Mr. Robert E. Hawk  
Senior Regulatory Scientist  
GOWAN Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

Dear Mr. Hawk:

Subject: Amended Application to  
Add Use on Apples to Product Label  
SAVEY OVICIDE/MITICIDE  
EPA Registration Number 10163-208  
Your Application Dated January 31, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, section 3(c)(7)(B) as amended, is acceptable since you have agreed in your letter of February 8, 1996 to conduct and submit to EPA, an Aquatic Invertebrate Life-Cycle study (Guideline No. § 72-2) with hexythiazox. It is understood that the aquatic life-cycle study will be submitted to EPA by March 1, 1996.

EPA also acknowledge receipt of a letter dated December 21, 1995 transmitting a report entitled "Multiresidue Method Testing for Hexythiazox According to PAM I, Appendix II, as Updated January, 1994." This data is required to support the tolerance on pears plus any future hexythiazox tolerance petitions. We will notify you of the adequacy of this test when review is completed.

With respect to the labeling, in the first sentence of the proposed environmental hazards statement revise the statement "This product is toxic to fish and aquatic invertebrates" to read "This pesticide is toxic to fish and aquatic invertebrates."

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e).

A stamped copy of the labeling is enclosed for your records.

Sincerely,

A handwritten signature in cursive script, appearing to read "George T. LaRocca".

George T. LaRocca  
Product Manager (13)  
Insecticide Rodenticide Branch  
Registration Division (7505C)

Enclosure:

# Savey<sup>®</sup> Ovicide / Miticide

## 50-WP

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE

with COMMENTS  
in EPA Letter Dated

09 FEB 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

10163-208

ACTIVE INGREDIENT: Hexythiazox	% by wt.
<i>trans</i> -5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide	50%
INERT INGREDIENTS	50%
	TOTAL 100%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN:** Wash thoroughly with soap and water. Get medical attention if irritation persists.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if necessary.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IN CASE OF FIRE, SPILL, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY ASSISTANCE CALL  
CHEMTREC AT (800) 424-9300.**

For all other product information, contact Gowan Company or see Material Safety Data Sheet.

**NOT FOR USE OR STORAGE IN OR AROUND THE HOME**

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION- May irritate eyes, nose, throat and skin. Harmful if inhaled. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing.

##### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Applicators and other handlers must wear:**

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry

#### USER SAFETY RECOMMENDATIONS

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and put on clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

#### GENERAL INFORMATION

Savey Ovicide/Miticide is recommended for use as a foliar application in apples and pears. It is a 50% wettable powder formulation to be mixed with water and applied as a spray. It is noncorrosive to equipment.

Savey is an effective miticide providing control of major economically-important mites that affect apples and pears. The degree and duration of control is dependent on the rate used, growth stage of the mite, species of mite, pest population density, spray coverage and climatic conditions under which the material is being applied.

Savey is a highly active mite ovicide and larvicide. Control is achieved from either direct contact with the spray or from contact with treated plant surfaces. Savey also affects adult female mites by rendering their eggs inviable.

**NET CONTENTS 8 OZS.**

**Gowan**

P.O. BOX 5569  
Yuma, AZ 85366-5569

## DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks

### CHEMIGATION STATEMENT

Do not apply this product through any type of irrigation system.

### MANAGING MITE RESISTANCE

Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For optimum resistance management practices, Gowan Company recommends that ovicides be applied only once per year. If Savey has been applied, do not apply Apollo® in the same year. If Apollo has been applied, do not apply Savey in the same year. If resistance to products with similar modes of action is recognized in the crop to be treated, it will be necessary to check for cross resistance to Savey prior to any application. If additional miticide applications are needed, use a product with a different mode of action, such as contact adulticides which include abamectin (Agri-Mek®), propargite (Omite®), fenbutatin oxide (Vendex®), oxamyl (Vydate®), dicofol (Kelthane®), or formetanate hydrochloride (Carzol®). Always read the product label to confirm current crop registration status and directions for use.

Agri-Mek® is a registered trademark of Merck & Co. Omite® is a registered trademark of Uniroyal Chemical Co. Apollo® and Carzol® are registered trademarks of AgrEvo Co. Vendex® and Vydate® are registered trademarks of DuPont Agricultural Products. Kelthane® is a registered trademark of Rohm and Haas Co.

### PROPER TIMING

APPLES: Savey should be applied after dormancy is broken but no later than the pink stage of flower bud

development. Best results have been obtained with applications timed for the pink-bud stage.

PEARS: Savey should be applied after bloom but prior to adult mite buildup (0-½ mite per leaf). If adult mites are present (greater than ½ mite per leaf), apply Savey in combination with a registered contact adulticide.

### PROPER MIXING

Fill tank ½ full with water and with agitator running add proper amount of Savey. Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension.

### COMPATIBILITY

Before full-scale mixing of Savey with other products, test mix small proportionate quantities of each to ensure compatibility. Tests have shown Savey may be incompatible with some EC formulations. Addition of a compatibility agent may improve compatibility with those products.

### SPRAY VOLUME

Ground Application: Use sufficient water to obtain thorough, uniform coverage. Use 150-400 gallons per acre for dilute application, 50-150 gallons per acre for concentrate applications.

### IMPORTANT

Savey is a 50% wettable powder to be diluted with water for application by ground equipment only. Do not apply Savey by air. Use only in commercial plantings; do not use in home plantings.

### APPLICATION DIRECTIONS

Make only one application per growing season.

APPLES: For control of European red mite, apply 3 ounces per acre. The use of rates below 3 ounces per acre is not recommended since it may result in poor performance and contribute to resistance development. Apply as a complete spray. The use of alternate-row-middle spraying for the application of Savey is not recommended.

PEARS: For use on pears to control European red mite, twospotted spider mite, Pacific spider mite, yellow spider mite and McDaniel spider mite, apply 4-6 ounces per acre. Apply the lower rates on low mite egg infestation levels and higher rates on moderate to high mite egg infestation levels or to larger trees.

### RESTRICTIONS

Do not graze or feed livestock on cover crops growing in treated areas. Do not use water from treated orchards for irrigating other crops.

APPLES: Do not apply more than 3 ounces of product per acre in one growing season.

PEARS: Do not apply within 20 days of harvest. Do not apply more than 6 ounces of product per acre in one growing season.

### STORAGE AND DISPOSAL

**STORAGE:** Store product in original container only, away from other pesticides, fertilizers, food or feed.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### **NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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