

APP 19 407-370

10/26

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
213777

Application for Pesticide - Section I

1. Company/Product Number 407-370	2. EPA Product Manager PM#	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 50% METHOXY CHLOR WETTABLE POWDER	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	
5. Name and Address of Applicant (Include ZIP Code) IMPERIAL INC P.O. Box 536 HAMPTON, IA 50441-0536 <input checked="" type="checkbox"/> Check if this is a new address		

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) **NOTIFICATION IN RESPONSE TO AGENCY LETTER OF 9/25/95 REC'D 9/29/95. DELETION OF UNSUPPORTED USES. REMOVAL OF AGRICULTURAL UPS REQUIREMENTS SECTION DUE TO REMOVAL OF ACREAGE LISTINGS AND VOLUME OF SPRAY REDUCTIONS.**

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name GENE R. CURRIE		Title REGULATOR - AFFAIRS MGR		Telephone No. (Include Area Code) 515-458-2500	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamp)
2. Signature <i>Gene R. Currie</i>		3. Title <i>Regulatory Affairs Mgr.</i>			
4. Typed Name GENE R. CURRIE		5. Date 10/26/95			

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IMPERIAL
50% METHOXYCHLOR
WETTABLE POWDER

For Certain Insect Pests of Livestock, Forage
Crops, Fruits, Vegetables, and Stored Grain

ACTIVE INGREDIENT:

Methoxychlor: 1,1,1-trichloro-2, 2-bis (p-
methoxyphenyl) ethane 50%

INERT INGREDIENTS: 50%

Total 100%

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 407 370
EPA Est. 407-IA-1

C-94WPS

Packaged by
IMPERIAL INC.
Shenandoah, IA 51601

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Avoid inhalation of sprays and dusts. Wash thoroughly after using.

Personal Protective Equipment:

- Applicators and other handlers must wear long sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

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Follow manufacturer's instructions for cleaning or 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 change into clean clothing.

ENVIRONMENTAL HAZARDS

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

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

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 interval. The requirements in this box apply only 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.
- Waterproof gloves.
- Shoes plus socks.

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Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow entry into treated areas until sprays have dried or dust has settled to perform hand labor tasks. A person may enter the area to perform other tasks only if the person is wearing the personal protective equipment listed on the label for a pesticide handler. Only protected handlers wearing long pants, long-sleeved shirts, socks, shoes and chemical resistant gloves may be in the area during application.

STORAGE AND DISPOSAL

STORAGE: Store in original container, in a cool, dry, secure area away from fertilizer, food or feed. Keep container closed.

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

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 or local authorities, by burning. If burned, stay out of smoke.

MIXING

Pour into the tank of a power sprayer with the agitator running. Keep agitator running while spraying. Where small sprayers are used, the material should be kept mixed by frequent shaking or rolling of the sprayers. One tablespoonful per gallon is equivalent to one pound per 100 gallons.

For Use Against Certain Insects Infesting Dairy

Cattle, Livestock, Barns, Warehouses

FOR SPRAYING OR DIPPING BEEF CATTLE, SHEEP, GOATS, AND NON-LACTATING DAIRY ANIMALS May be used on young dairy animals up to two weeks of freshening. For horn flies, fleas, and lice -- Use 2 lbs. per 25 gallons water. Pressure should be strong enough to part the animal's hair and wet the skin. Use 2 quarts of spray to treat a mature animal, proportionately less for smaller ones. One treatment will be effective up to 3 weeks under average conditions.

For control of tail louse of cattle, except those being finished for slaughter, use 4 lbs. in 25 gallons of water and apply as a spray on the infested tail only. Applications should be repeated as necessary. For direct dusting of dairy cattle see below. Do not apply to lactating dairy animals as a spray or dip. Do not dip calves under one month of age.

FOR DIRECT DUSTING: DAIRY CATTLE -- LACTATING ANIMALS: Use one rounded tablespoonful per animal (Do not exceed 2 oz.). Young Dairy Cattle Under 1 Month of Age -- Mix 1 tablespoon with 3 tablespoons of talc (Do not exceed 1 oz.). Sprinkle on poll, neck (top and sides) and face and upper side. Rub in lightly by hand using non-porous gloves to carry powder beneath the hair. One treatment protects cattle against horn flies for about 3 weeks. Allow 3 weeks between treatments.

BEEF CATTLE, SHEEP AND GOATS -- For lice and keds dust animals thoroughly; rub in lightly using non-porous gloves, to carry powder beneath the hair. Application on sheep following shearing gives temporary relief from sheep ticks (keds). Do not apply to lactating goats.

FOR SPRAYING INTERIORS OF BARNs, WAREHOUSES, FOOD PROCESSING PLANTS AND PREMISES For house flies, stable flies, and mosquitoes -- Use 2 lbs. per 5 gallons of water. Spray and thoroughly wet walls, ceilings, stalls, screens, and other places where flies congregate such as manure piles and rubbish heaps. Applications should be repeated as control diminishes or at first noticeable increase in fly population. Protection for a period up to 4 to 6 weeks may be attained. Cover securely all milk handling equipment, feedstuffs, troughs, bins, or other food and water receptacles while spraying. Dairy animals should not be present while spraying. Do not apply in the edible products areas of food processing plants. Do not use in poultry houses.

Amount of Spray Required: Depending on whether surface is smooth or rough, one gallon of finished spray will cover from 600 to 1,000 sq. ft. Surfaces should be wet with spray to the point where it begins to run off.

FOR EMPTY GRAIN BINS: As an aid for control of rice weevil, granary weevil, lesser grain borer and certain other insect pests of stored grain during accessible or exposed stages; and as a treatment to help prevent infestation of newly stored grain, apply 4 lbs. mixed with 2 gallons of water. Make application to thoroughly cleaned surfaces at the rate of 2 gallons of spray mixture per 1,000 sq. ft. Allow sprayed surface to dry before storing grain.



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For Spraying Fruits, Vegetables,
and Forage Crops

NOTE: Do not use more than the following amounts of this material per application. Grapes, blueberries, cranberries, gooseberries, alfalfa, clover, and pasture grasses -- 6 lbs.; potatoes and sweet corn -- 4 lbs.; raspberries, strawberries, tomatoes, beans, cucurbits -- 3 1/2 lbs.; apples and pears -- 36 lbs.; apricots, cherries, peaches, plums, prunes -- 24 lbs. Remove residues remaining at harvest by washing, brushing, or other effective means.

MIXING TABLE

<u>AMOUNT OF PRODUCT</u>	<u>AMOUNT OF WATER</u>
1/2 ounce	IN 1 gallon
2 1/2 ounces	IN 5 gallons
5 ounces	IN 10 gallons
1 pound	IN 30 gallons
3 pounds	IN 100 gallons

APPLICATION TABLE
FRUIT TREES

<u>TREE HEIGHT</u> <u>IN FEET</u>	<u>TREE SPREAD</u> <u>IN FEET</u>	<u>GALLONS OF SPRAY</u> <u>PER TREE</u>
6-8	4-6	1/2-1
8-10	4-6	1-2
10-15	7-10	4-5
15-20	15-25	8-10
20-25	25-30	12-15
25-30	30-40	18-20

STRAWBERRIES-BLUEBERRIES-GOOSEBERRIES
BEANS-CUCURBITS-TOMATOES-POTATOES-SWEET CORN

USE 1/3 OZ. OF SPRAY SOLUTION FOR EACH SQUARE FOOT (AN AREA 1 FT. BY 1 FT.)

<u>AREA TO BE SPRAYED</u>	<u>AMOUNT OF SPRAY</u>
5x5 (25 sq. ft.)	8 ounces
5x10 (50 sq. ft.)	1 pint
10x10 (100 sq. ft.)	1 quart
10x15 (150 sq. ft.)	3 pints
10x20 (200 sq. ft.)	1/2 gallon

GRAPES

<u>2 FEET WIDE ROW</u>	<u>AMOUNT OF SPRAY</u>
10 feet long	20 ounces
25 feet long	1 1/2 quarts
50 feet long	3 quarts
75 feet long	4 1/2 quarts
100 feet long	1 1/2 gallons

APPLES, PEACHES, APRICOTS, CHERRIES, PLUMS AND PRUNES for plum curculio. Make 2 to 4 applications at 7 - 10 day intervals depending on local conditions. Begin at Petal Fall for apples (for stone fruits begin at Shuck Split). On apples for apple maggot, codling moth, Japanese beetle, and leafhopper; on pears for codling moth; on peaches for codling moth, Japanese beetle; on apricots for codling moth, Japanese beetle; on cherries for codling moth, cherry fruitworm, cherry fruitfly, Japanese beetle and

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leafhopper; on plums and prunes for codling moth, cherry fruitworm, cherry fruitfly, Japanese beetle and leafhopper -- Apply so as to thoroughly wet all surfaces of foliage and fruit using two or more applications at 7 - 14 day intervals beginning when insects first appear. Do not use on apricots or peaches within 21 days of harvest. Do not use on apples, pear, cherries, plums or prunes within 7 days of harvest.

GRAPES To control grape leaf skeletonizer, grape berry moths, and leafhoppers; BLUEBERRIES AND GOOSEBERRIES To control Japanese beetle, leafhoppers, leafrollers, raspberry aphids; STRAWBERRIES to control meadow spittlebug, strawberry leafroller, strawberry weevil -- Apply so as to thoroughly wet all surfaces of foliage and fruit, using two or more applications at 7 - 14 day intervals beginning when insects first appear. Do not use on raspberries or strawberries within 3 days of harvest. Do not use on grapes, gooseberries, cranberries and blueberries within 14 days of harvest.

BEANS To control Mexican bean beetle, bean leaf beetle, bean leafroller, cucumber beetle, flea beetles, Japanese beetles, leafhoppers, velvet bean caterpillar, armyworms, corn earworms. Do not apply within 3 days of harvest. Do not use bean plants for feed or forage.

CUCURBITS To control cucumber beetle, flea beetles, leafhoppers. Do not apply within one day of harvest.

TOMATOES To control fall armyworm, locusts, tomato fruitworms, tomato hornworms, tarnished plant bugs. Do not apply within one day of harvest.

POTATOES To control fall armyworm, locusts. SWEET CORN To control corn earworm, corn rootworm adults, fall armyworm, flea beetles, Japanese beetles, leafhoppers. Do not apply within 7 days of harvest. Do not feed treated corn to livestock. ALFALFA AND CLOVER for alfalfa weevil, armyworms, leafhoppers; PASTURE GRASSES to control fall armyworms, armyworms, use 2 to 3 lbs. per 100 gallons of water per acre. Apply so as to wet foliage thoroughly. Start applications when insects first appear. Do not apply later than 7 days before harvest or grazing.

NOTE: Do not use more than the following amounts of this material per acre per application. Grapes, blueberries, cranberries, gooseberries, alfalfa, clover, and pasture grasses - 6 lbs.; potatoes and sweet corn - 4 1/2 lbs.; raspberries, strawberries, tomatoes, beans, cucurbits - 3 1/2 lbs.; apples and pears - 36 lbs.; apricots, cherries, peaches, plums, prunes - 24 lbs. Remove residues remaining at harvest by washing, brushing, or other effective means.

NOTICE

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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