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Please read the instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 194413
	Application for Pesticide:		

Section I

1. Company/Product Number 19713-17	2. EPA Product Manager <i>Cynthia Giles-Parker</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Maleic Hydrazide 2P	PM# <i>22</i>	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company P.O. Box 9306 2484 Pennsylvania St Memphis, TN 38109 <input type="checkbox"/> Check if this is a new address	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 _____	

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 LABEL NOT REVIEWED PER PR NOTICE 93-6
DATE: 8/3/93

Amendment to meet the Requirements of PR Notice 93-3
"Labeling Statement Prohibiting Application To Water".

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted.	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
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 Barbara Brown	Title Labeling Specialist	Telephone No. (Include Area Code) 901-774-4370
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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

2. Signature <i>Barbara Brown</i>	3. Title Labeling Specialist	6. Date Application Received (Stamped)
4. Typed Name Barbara Brown	5. Date JUL 16 1993	

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NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6

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DATE. 8/3/93

MALEIC HYDRAZIDE 2P

Liquid Growth Retardant for Preventing Growth of Tobacco Suckers

ACTIVE INGREDIENT:

Potassium salt of 6-hydroxy-3-(2H)-
Pyridazinone* 27.80%

INERT INGREDIENTS: 72.20%

TOTAL: 100.00%

*Hereafter called Potassium salt of Maleic Hydrazide.
Equivalent to 20% maleic hydrazide.
One gallon contains 2 lbs. as maleic hydrazide.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA REG. NO. 19713-17
EPA EST. NO. 19713-TN-1
NET CONTENTS:

MANUFACTURED BY:
DREXEL CHEMICAL COMPANY
P.O. BOX 9306 - MEMPHIS, TN 38109

11/14/88
Deletions 7/93

STATEMENT OF PRACTICAL TREATMENT

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. Repeat until vomit fluid is clear.
Do not induce vomiting or give anything by mouth to an
unconscious person.

IF SPLASHED IN EYES: Immediately flush eyes with plenty of
water for at least 15 minutes and get medical attention.

IF SPILLED ON SKIN: Immediately remove contaminated clothing,
INCLUDING SHOES, and wash skin with soap and plenty of water.
If irritation develops, send for a physician.

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PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin and eyes. Wear regular long sleeved work clothing when applying product. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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.

DIRECTIONS FOR USE

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

Do not apply through any type of irrigation system.

Wear a long-sleeve shirt, long pants, and chemical resistant gloves at all times when mixing, loading, handling, or applying this chemical.

TO PREVENT SUCKER DEVELOPMENT ON FLUE-CURED AND BURLEY TOBACCO: Maleic Hydrazide 2P, a plant inhibitor, offers a new method of controlling sucker growth by keeping suckers from growing rather than by killing them. Since Maleic Hydrazide 2P is absorbed and moves inside the tobacco plant, spraying the whole plant is not necessary. Best results are obtained by spraying the upper 1/3 to 1/2 of the plant. It is very important to apply equal amounts of Maleic Hydrazide 2P to each plant at time of topping.

WHEN TO SPRAY: Satisfactory sucker control depends on correct timing of the spray.

- a. If all plants flower at about the same time, proceed as follows:
As soon as the plants are in Full Flower, top, pull all suckers from early maturing plants and spray Maleic Hydrazide 2P uniformly onto the entire field within 24 hours after topping (see notes 1-13).
- b. If there is a wide range in the time of flowering, the following procedure should be used:
 1. Go through the field and top the few early-flowering plants.
 2. Wait until the remaining plants are in Full Flower, top them, remove all suckers from the entire field, and apply Maleic Hydrazide 2P within 24 hours after topping (see note 1-13).

Tip leaves to be harvested should be at least 6 inches long at time of spraying.

HOW TO SPRAY: Maleic Hydrazide 2P may be applied with either tractor or mule-drawn insecticide sprayer, or with a compressed air shoulder sprayer.

- a. Tractor or mule-drawn insecticide sprayers, any number of nozzles may be used. Can be applied in the same manner as insecticide, spraying one or more rows at a time, wetting upper 1/3 to 1/2 of plant.
- b. Compressed air shoulder sprayer with single nozzle spraying a wide cone. Spray one side of each tobacco row while walking at a constant rate. Use up and down motion of spray nozzles to moisten upper 6-8 leaves of each plant. Apply equal amounts of spray to each plant.

AMOUNT TO USE: Flue Cured, burley, cigar (Pennsylvania and Wisconsin) and Maryland Tobacco - Apply 1 to 1-1/2 pts. per 1000 plants or 1 to 1-1/2 gallons per 8000 plants per acre. Example: Use 3 to 4-1/2 qts. of Maleic Hydrazide 2P for 6000 plants per acre. Use not less than 20 gallons of water per acre (from 20-50 gallons of water per acre can be used - see Note 8).

Dark Tobacco - apply 2-1/4 pts. of Maleic Hydrazide 2P per 1000 plants or use 2-1/4 gallons per 8000 plants. Example: Use 6-3/4 qts. of Maleic Hydrazide 2P for 6000 plants per acre. Use not less than 20 gallons of water per acre (from 20-50 gallons of water per acre can be used - see note 8).

NOTES - TOBACCO:

1. To control tobacco suckers apply Maleic Hydrazide 2P at the proper time. Too early spraying may prevent normal development of top leaves. Too late spraying will allow some sucker growth. **FULL FLOWER** is the stage when 90% of your plants have begun to shed their first flowers.
2. At 32°F and below, the formulation will form solids. It readily redissolves, but must be warmed to 40°F or above. The larger the container the more time is needed to completely redissolve the precipitate.
3. Follow dosage recommendations carefully, spray field uniformly and do not use less than the minimum amount of water recommended on tobacco.
4. Do not use on tobacco plants grown for seed production.
5. Do not spray tobacco in the middle of hot, dry days when leaves are severely wilted. For best results spray during early morning, all day on cloudy days, avoiding the late afternoon or night applications (Use a nozzle delivering a fine mist spray. Do not use a broad jet type of spray).
6. Closely hand-suckered or Maleic Hydrazide 2P treated tobacco will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions Maleic Hydrazide 2P treated tips have a tendency to turn yellow prematurely. This is not harmful and does not mean that your tobacco is ripe. Therefore, do not harvest Maleic Hydrazide 2P treated tobacco by using time and

- color of the leaves as your only guide to ripeness. Use other characteristics indicative of ripeness such as:
- a. Fading of color from midrib.
 - b. Change in apparent leaf texture.
7. If tobacco plants have been grown under drought conditions absorption of Maleic Hydrazide 2P will be slow and results may not be as good as plants grown under more favorable moisture conditions.
 8. Too little Maleic Hydrazide 2P will result in less than desired control. Too much is wasteful and may cause burning of leaves and may reduce quality of tips.
 9. It is not corrosive to spray equipment. It does not offer drift problems on nearby crops.
 10. Rinse spray equipment with water after application. Do not contaminate water supplies by cleaning of equipment or disposal of wastes.
 11. Use only one application of Maleic Hydrazide 2P per season.
 12. Allow at least 7 days after application before harvest.
 13. Should wash off occur within 6 hours, a single repeat application may be made.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE INSTRUCTIONS

Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from heat or ignition sources. Do not stack over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of waste.

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PESTICIDE 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 dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

