


PM 22 19713-20

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Please read instructions on reverse before completing form.

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

<b>(A)</b> 	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 <b>194410</b>
	<b>Application for Pesticide:</b>		

**Section I**

1. Company/Product Number 19713-20	2. EPA Product Manager <i>Synthia Giles-Parker</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Super Sucker Stuff Liquid Growth Retardant	PM# 22	
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.

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

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

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
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	
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 <b>Barbara Brown</b>	Title <b>Labeling Specialist</b>	Telephone No. (Include Area Code) <b>901-774-4370</b>
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<b>Certification</b> 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 (Stamped)
2. Signature <i>Barbara Brown</i>	3. Title <b>Labeling Specialist</b>	
4. Typed Name <b>Barbara Brown</b>	5. Date <b>JUL 22 1993</b>	

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-6  
DATE 8/3/93

DREXEL

SUPER SUCKER-STUFF

Liquid Growth Retardant for Preventing Growth of Tobacco Suckers

ACTIVE INGREDIENTS:

Potassium salt of 6-hydroxy-3-(2H)- pyridazinone* . . . . .	21.6%
INERT INGREDIENTS: . . . . .	78.4%
TOTAL: . . . . .	100.0%

\*Hereafter called potassium salt of maleic hydrazide.  
Product contains 1.5 pounds maleic hydrazide  
equivalent per gallon.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
READ ENTIRE LABEL BEFORE USING PRODUCT

EPA REG. NO. 19713-20  
EPA EST. NO. 19713-TN-1  
NET CONTENTS:

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

11/15/88  
Deletions 7/93

<p><b>STATEMENT OF PRACTICAL TREATMENT</b></p> <p><b>IF SWALLOWED:</b> 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.</p> <p><b>IF IN EYES:</b> Immediately flush eyes with plenty of water. Get medical attention if irritation persists.</p> <p><b>IF ON SKIN:</b> Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.</p>
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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, eyes or clothing. Wear regular long-sleeved work clothing when applying this product. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**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.

**FARMWORKERS SAFETY STATEMENTS**

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under Precautionary Statements on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warning should contain the following information: **CAUTION.** Area treated with Maleic Hydrazide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or skin with plenty of water. Call physician if irritation persists. Remove and wash contaminated clothing before reuse.

**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 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, BURLEY, DARK-FIRE, MARYLAND AND CIGAR (PENNSYLVANIA AND WISCONSIN) TOBACCO: SUPER SUCKER-STUFF** a plant growth inhibitor, offers a new method of controlling sucker growth by keeping suckers from growing rather than by killing them. Since SUPER SUCKER-STUFF 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 SUPER SUCKER-STUFF to each plant at the correct time to obtain satisfactory control.

Do not make more than one application per season.  
Do not harvest earlier than 7 days after application.

**WHEN TO SPRAY FOR FLUE-CURED, BURLEY, DARK-FIRE AND MARYLAND TOBACCO:**

1. 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 SUPER SUCKER-STUFF uniformly onto the entire field within 24 hours after topping (see notes 1-9).
2. If there is a wide range in the time of flowering, the following procedure should be used:
  - a) Go through the field and top the few early flowering plants.
  - b) Wait until the remaining plants are in Full Flower, top them, remove all suckers from the entire field, and apply SUPER SUCKER-STUFF within 24 hours after topping (see notes 1-9). Tip leaves to be harvested should be at least 6 inches long at time of spraying.

**FOR PENNSYLVANIA CIGAR TOBACCO:**

1. If your field flowers uniformly:
  - a. Top when about 1/4 to 1/2 of your plants show one or more open flowers on each head.
  - b. Wait three days after topping.
  - c. Spray SUPER SUCKER-STUFF For best results, SUPER SUCKER-STUFF should be sprayed on dry or nearly dry leaves. Avoid spraying on leaves covered with dew.
2. If your field doesn't flower uniformly:
  - a. When flowering in your field is particularly uneven, you should top when about 50-60% of the plants show one or more open flowers per head.
  - b. Wait three days after topping and remove by hand any suckers more than two inches long.
  - c. Spray SUPER SUCKER-STUFF over your entire field.

**FOR WISCONSIN CIGAR TOBACCO:**

1. Top the field when most of the plants in your field are in full flower.
2. Remove, by hand, any suckers larger than one or two inches.
3. Spray within 24 hours after topping and removal of suckers.

**HOW TO SPRAY:** SUPER SUCKER-STUFF may be applied with either tractor-drawn insecticide sprayer or with a compressed air shoulder sprayer.

1. Tractor-drawn insecticide sprayers. Any number of nozzles may be used (see note 6). 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.
2. 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 nozzle to moisten upper 6-8 leaves of each plant. Apply equal amounts of spray to each plant.

**AMOUNT OF SPRAY:** Apply the recommended amounts of SUPER SUCKER-STUFF in 20-50 gallons of water per acre, do not use less than 20 gallons of water per acre.

**FOR FLUE-CURED, BURLEY, CIGAR (PENNSYLVANIA, WISCONSIN) AND MARYLAND TOBACCO:** Apply 1.5 pints of SUPER SUCKER-STUFF per 1000 plants. **EXAMPLE:** Use 1.5 gallons SUPER SUCKER-STUFF for 8000 plants per acre.

**FOR DARK TOBACCO:** Apply 3.0 pints of SUPER SUCKER STUFF per 1000 plants. **EXAMPLE:** Use 3.0 gallons SUPER SUCKER-STUFF for 8000 plants per acre.

**SHAKE WELL BEFORE USING.**

**NOTES:**

1. To control tobacco suckers apply SUPER SUCKER-STUFF 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. Rains occurring within 6 hours after spraying may reduce effectiveness.
3. At 40°F and below, the formulation will form solids. It readily redissolves, but must be warmed to 50°F or above. The larger the container the more time is needed to completely redissolve the precipitate.
4. Follow dosage recommendations carefully, spray field uniformly and do not use less than the minimum amount of water recommended on tobacco.
5. Do not use on tobacco plants grown for seed production.
6. 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).

7. Closely hand suckered or SUPER SUCKER-STUFF treated tobacco will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions SUPER SUCKER-STUFF 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 SUPER SUCKER-STUFF 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.
8. If tobacco plants have been grown under drought conditions absorption of SUPER SUCKER-STUFF will be slow and results may not be as good as plants grown under more favorable moisture conditions.
9. Too little SUPER SUCKER-STUFF will result in less than desired control. Too much is wasteful and may cause burning of leaves and may reduce quality of tips.
10. It is not corrosive to spray equipment. Avoid drift onto nearby crops.
11. Rinse spray equipment with water after application. Do not contaminate water supplies by cleaning of equipment or disposal of wastes.
12. 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 source. 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 as follows:

**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, 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.

#### **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 of 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.