

PM 25

077-34

185

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  
216429

Application for Pesticide - Section I

1. Company/Product Number 56077-39	2. EPA Product Manager Robert Taylor	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) WHAM! DF 80	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Cedar Chemical Corp. 5100 Poplar Ave., Suite 2414 Memphis, TN 38137 <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.)  
To add a Pesticide Disposal section previously referred to, though omitted.

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 Packaging wgt.	No. per container	If "Yes" Package wgt.	Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
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 Jeanine H. Betscher	Title Mgr., Regulatory Affairs	Telephone No. (Include Area Code) 901-685-5348
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 (Stamped)
2. Signature 	3. Title Mgr., Regulatory Affairs	
4. Typed Name Jeanine H. Betscher	5. Date 5/31/95	

REV. 2-94

**SPECIMEN LABEL**

*Before*



# WHAM! DF 80 Herbicide

**For Postemergence Control of Broadleaf and  
Grass Weeds in Rice Fields.**

<b>ACTIVE INGREDIENTS:</b>	
3', 4' Dichloropropionanilide	80.00
Inert Ingredients:	20.00
<b>TOTAL</b>	<b>100.00</b>

This product contains 0.8 lb. of 3', 4' Dichloropropionanilide (Propanil) per pound of formulated product.  
EPA Reg. No. 56077-39  
EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**If Swallowed:** Induce vomiting immediately by drinking 1 or 2 glasses of water and sticking finger down throat. Get medical attention.

**If on Skin:** Wash contaminated areas thoroughly with soap and water. Do not reuse contaminated clothing until washed. Get medical attention if irritation persists.

**If in Eyes:** Flush with copious amounts of clean water for 10-15 minutes. Get medical attention.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes eye irritation. Avoid breathing spray mist or dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

- PERSONAL PROTECTIVE EQUIPMENT**  
Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
  - Waterproof gloves
  - Shoes plus socks
  - Chemical-resistant headgear for overhead exposure

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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FOR CHEMICAL SPILL, LEAK, FIRE, OR  
EXPOSURE CALL TOLL FREE  
1-800-424-9300**

**AGRICULTURAL CHEMICAL**  
DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING

### 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. This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water intended for irrigation or domestic purposes. Do not apply when weather conditions favor drift from target area.

## 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 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 24 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
- chemical-resistant headgear for overhead exposure

## STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Palletized product should not be stacked more than 3 units high. Reclose all partially used containers by tying bag top shut. Damaged or leaking containers which contain product that cannot be used immediately should be transferred to suitable sound containers and properly marked. Any spilled material should be thoroughly swept up and transferred to the new container or disposed of as indicated under Pesticide Disposal. For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities. To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification. Opened, partially used pesticides should be stored in original containers when possible. Keep containers closed when not in use.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## WHERE TO USE

CEDAR CHEMICAL'S WHAM! DF 80 is used for postemergence control of broadleaf and grass weeds in RICE fields.

### WEEDS CONTROLLED

Barnyardgrass (watergrass), signalgrass (brachiaris), coffee-weed, crabgrass, croton, curly indigo, foxtail, goosegrass, gulf cockspur, mexicanweed, millet (Texas), paragrass, pigweed, sourdock, spearhead, wiregrass.

(WHAM! DF 80 will not control arrowhead, bermudagrass, cattail, ducksalad, johnsongrass, nutgrass, red rice and sprangletop.)

## GENERAL INFORMATION

Several important factors should be taken into account to achieve a high efficiency of selective weed control with WHAM! DF 80. These include uniform application, growth stage and weather conditions. To assure uniform application mix the prescribed amount of WHAM! DF 80 with a sufficient volume of water to provide thorough coverage of target area. For aerial application use approximately 10 gallons of water, or for surface (ground) applications 20-30 gallons of water per acre at sufficient spray pressure. Agitate tank mixes thoroughly and continuously. Avoid drift and under application.

Growth stage of weeds is very important. Best results for selective weed control are obtained when most grasses have reached the 1 to 3 leaf stage. Proper field preparation is essential to ascertain a relatively clod free and level surface to obtain uniform flood levels and growth. Fields may be flushed prior to treatment to produce uniform and vigorous grass germination and growth. Drain water from fields prior to applying WHAM! DF 80. Higher rates are recommended to control larger grasses or exposed weeds when rice fields are not completely drained. Inspect rice fields regularly to select the correct application time.

## DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM

Do not apply to fields where commercial catfish farming is practiced and do not drain water from treated fields into areas where catfish farming is practiced.

Do not apply when wind conditions will allow drift to adjacent, susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards (such as almonds, prunes, and grapes) and other sensitive crops.

**Weather Conditions:** WHAM! DF 80 normally requires 8 hours of DIRECT sunlight for absorption into target weeds. However, many atmospheric and environmental factors can affect absorption into the target weed. It is highly recommended that application of WHAM! DF 80 be planned so that the applied product remains in contact with the leaf surfaces for at least 48 hours prior to rainfall. Historically, morning applications of propanil products including WHAM! DF 80 have produced better results in weed control. Although WHAM! DF 80 is less susceptible to drift than solvent-based propanil products, application should be avoided if wind velocity is high enough to cause drift or irregular spray patterns.

**Use of Crop Oils and Surfactants:** When WHAM! DF 80 is used alone (not in combination with any other postemergent rice herbicides), a low viscosity crop oil concentrate or surfactant may be used to improve wetting of foliage and weed control. Use of a crop oil concentrate is recommended when application is made during cool weather conditions or unstable weather conditions that may produce rain. Under adverse weather conditions, the addition of a crop oil concentrate when tank mixing WHAM! DF 80 and other rice herbicides for application should be considered. Consult product labels for adjuvant recommendations. The use of a suitable crop oil concentrate or surfactant does not significantly increase injury to rice (leaf tip burn).

Consult Extension Service for detailed application advice.

### RECOMMENDED BROADCAST RATE WHAM! DF 80

Apply 3½ pounds of WHAM! DF 80 per acre when most grasses have reached 1 to 3 leaf stage. Use 5 to 7½ pounds of WHAM! DF 80 per acre when the grasses are large (4 to 6 leaf stage) or when unseasonably cool weather conditions prevail or in cases where rice fields have not been drained completely and where weeds are large.

Barnyardgrass may be controlled up to 30 to 45 days after planting, before rice plants have reached the fully tillered growth stage.

**NOTE:** WHAM! DF 80 applied to rice after the 4 leaf stage may cause visible injury under some climatic conditions. Rice plants usually outgrow such injury.

**NOTE:** Water drained from treated rice fields must not be used to irrigate other crops or be released within ½ mile upstream of a potable water intake in flowing water (i.e. river, stream, etc.) or within ½ mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

**IN CALIFORNIA—**Use WHAM! DF 80 only where rice fields are not completely drained. If higher water level is desired, reflood field after 12 hours and before 7 days after treatment. This will discourage new weed infestations. Do not apply WHAM! DF 80 within 14 days before or after insecticide applications. Serious injury to rice may occur.

## CONDITIONS OF SALE AND WARRANTY

CEDAR AND SELLER OFFER THIS PRODUCT AND THE BUYER AND USER ACCEPTS THIS PRODUCT UNDER THE FOLLOWING AGREED CONDITIONS OF SALE AND WARRANTY.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all variables and to eliminate all risks associated with its use. Injury or damage may result because of conditions which are beyond the control of Cedar or the Seller. Cedar warrants only that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purposes referred to in the Directions for Use when used as directed under normal conditions. CEDAR MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no case shall Cedar or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Any variation or exception from this warranty must be in writing and signed by an authorized Cedar representative.

## CEDAR CHEMICAL CORPORATION

5100 POPLAR, 24th FLOOR  
MEMPHIS, TENNESSEE 38137, USA



# WHAM! DF.80

## Propanil Herbicide

For Postemergence Control of Broadleaf and Grass Weeds in Rice Fields.

Active Ingredient	
3',4'-Dichloropropionanilide	80.00%
Inert Ingredients:	20.00%
TOTAL	100.00%

This product contains 0.8 lb. of 3',4' -Dichloropropionanilide (Propanil) per pound of formulated product.

EPA Registration No. 56077 - 39  
EPA Establishment No.

### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**If Swallowed:** Induce vomiting immediately by drinking 1 or 2 glasses of water and sticking finger down throat. Get medical attention.

**If on Skin:** Wash contaminated areas thoroughly with soap and water. Do not reuse contaminated clothes until washed. Get medical attention if irritation persists.

**If in Eyes:** Flush with copious amounts of clean water for 10-15 minutes. Get medical attention.

**AGRICULTURAL CHEMICAL**  
**DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING.**

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Harmful if swallowed, absorbed through skin or inhaled. Causes eye irritation. Avoid breathing spray mist or dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure

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 PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothes.

#### ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water or to areas where surface water is present (e.g., intertidal areas below the mean high water mark). Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water intended for irrigation or domestic purposes. Do not apply when weather conditions favor drift from target area.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE, CALL TOLL FREE 1-800-424-9300.

#### DIRECTIONS FOR USE

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- coveralls
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- shoes plus socks
- chemical-resistant headgear for overhead exposure

#### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Palletized product should not be stacked more than 3 units high. Reclose all partially used containers by tying bag top shut. Damaged or leaking containers which contain product that cannot be used immediately should be transferred to suitable sound containers and properly marked. Any spilled material should be thoroughly swept up and transferred to the new container or disposed of as indicated under "Pesticide Disposal".

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification. Opened, partially used pesticides should be stored in original containers when possible. Keep containers closed when not in use.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or mixate is a violation of Federal law. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility. 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.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WHERE TO USE

CEDAR CHEMICAL'S WHAM! DF 80 is used for postemergence control of broadleaf and grass weeds in RICE fields.

#### WEEDS CONTROLLED

Barnyardgrass(watergrass), signalgrass (brachiaris), coffeeweed, crabgrass, croton, curly indigo, foxtail, goosegrass, gulf cockspur, mexicanweed, millet (Texas), paragrass, pigweed, sourdock, spearhead, wiregrass.

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#### GENERAL INFORMATION

Several important factors should be taken into account to achieve a high efficiency of selective weed control with WHAM! DF 80. These include uniform application, growth stage and weather conditions. To assure uniform application, mix the prescribed amount of WHAM! DF 80 with a sufficient volume of water to provide thorough coverage of target area. For aerial applications use approximately 10 gallons of water, or for surface (ground) applications 20-30 gallons of water per acre at sufficient spray pressure. Agitate tank mixes thoroughly and continuously. Avoid over and under application.

Growth stage of weeds is very important. Best results for selective weed control are obtained when most grasses have reached the 1 to 3 leaf stage. Proper field preparation is essential to ascertain a relatively clod free and level surface and to obtain uniform flood levels and growth. Fields may be flushed prior to treatment to produce uniform and vigorous grass germination and growth. Drain water from fields prior to applying WHAM! DF 80. Higher rates are recommended to control larger grasses or exposed weeds when rice fields are not completely drained. Inspect rice fields regularly to select the correct application time.

DO NOT apply this product through any type of irrigation system.

DO NOT apply to fields where commercial catfish farming is practiced and do not drain water from treated fields into areas where catfish farming is practiced.

DO NOT apply this product (directly or indirectly) to any crop except rice.

DO NOT apply when wind conditions will allow drift to adjacent, susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards (such as almonds, prunes and grapes) and other sensitive crops.

#### WEATHER CONDITIONS:

WHAM! DF 80 normally requires 8 hours of DIRECT sunlight for absorption into target weeds. However, many atmospheric and environmental factors can affect absorption into the target weed. It is highly recommended that application of WHAM! DF 80 be planned so that the applied product remains in contact with the leaf surfaces for at least 48 hours prior to rainfall. Historically, morning applications of propanil products, including WHAM! DF 80, have produced better results in weed control. Although WHAM! DF 80 is less susceptible to drift than solvent-based propanil products, application should be avoided if wind velocity is high enough to cause drift or irregular spray patterns.

#### USE OF CROP OILS AND SURFACTANTS:

When WHAM! DF 80 is used alone (not in combination with any other postemergent rice herbicide), a low viscosity crop oil concentrate or surfactant may be used to improve wetting of foliage and increase weed control. Use of a crop oil concentrate is recommended when application is made during cool weather conditions or unstable weather conditions that may produce rain. Under adverse weather conditions, the addition of a crop oil concentrate when tank mixing WHAM! DF 80 and other rice herbicides for application should be considered. Consult product labels for adjuvant recommendations. The use of a suitable crop oil concentrate or surfactant does not significantly increase injury to rice (leafy burn).

Consult Extension Service for detailed application advice.

#### RECOMMENDED BROADCAST RATE

Apply 3 1/2 pounds of WHAM! DF 80 per acre when most grasses have reached the 1 to 3 leaf stage. Use 5 to 7 1/2 pounds of WHAM! DF 80 per acre when the grasses are large (4 to 6 leaf stage) or when unseasonably cool weather conditions prevail or in cases where rice fields have not been drained completely and where weeds are large enough.

Barnyardgrass may be controlled up to 30 to 45 days after planting, before rice plants have reached the fully tillered growth stage.

**NOTE:** WHAM! DF 80 applied to rice after the 4 leaf stage may cause visible injury under some climatic conditions. Rice plants usually outgrow such injury.

**NOTE:** Water drained from treated rice fields must not be used to irrigate other crops or be released within 1/2 mile upstream of a potable water intake in flowing water (i.e. river, stream, etc.) or within 1/2 mile of a potable water intake in a standing body of water (i.e. lake, pond, or reservoir).

**IN CALIFORNIA:** Use WHAM! DF 80 only where rice fields are completely drained or a minimal amount of water remains. If higher water level is desired, re-flood field after 12 hours and before 7 days after treatment. This will discourage new weed infestations. Do not apply WHAM! DF 80 within 14 days before or after insecticide applications. Serious injury to rice may occur.

#### CONDITIONS OF SALE AND WARRANTY

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CEDAR CHEMICAL CORPORATION  
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