



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

JAN 31 1994

**OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES**

**Jeanine M. Heishman
CEDAR CHEMICAL CORPORATION
5100 POPLAR, SUITE 2414
MEMPHIS, TN 38137**

**Subject: Label Amendment Submission of 06/30/93 in Response to PR Notice 93-7
EPA Reg. No. 56077-39
PROPANIL 80% WDG HERBICIDE**

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division**

Jeanine M Heishman
CEDAR CHEMICAL CORPORATION
5100 POPLAR, SUITE 2414
MEMPHIS TN 38137

Subject: Label Amendment Submission of 06/30/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 56077-39
PROPANIL 80% WDG HERBICIDE

The following specific comments pertain to your
WPS labeling submission concerning the product
cited above:

User Safety Recommendations must either be placed in a box
or printed on the label in a contrasting color from
surrounding text.

The Agricultural Use Requirements section must be located in
a clearly separate box on the product labeling -- with lines
or other graphic indicators (such as contrasting color) to
separate the section from the surrounding text.

CEDAR CHEMICAL CORPORATION

WHAM! DF 80
HERBICIDE

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

Active Ingredient:

3',4'-Dichloropropionanilide	80.00
Inert Ingredients	<u>20.00</u>
TOTAL	100.00

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

EPA Reg. No. 56077-39
EPA Est. No. 56077-AR-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENTS 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.

ACCEPTED
with COMMENTS
In EPA Letter Dated
JAN 31 1994

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

56077-39

ACCEPTED
with COMMENTS
EPA Letter ()

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

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. (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 hands outside of gloves before removing. As soon as possible after removal, thoroughly wash and change into clean clothing.

ENVIRONMENTAL HAZARDS: For terrestrial uses, do not apply directly to water, or to areas where surface water is present (e.g., streams, rivers, 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 areas.

AGRICULTURAL CHEMICAL

**DO NOT SHIP OR STORE WITH FOODS, FEEDS,
DRUGS, OR CLOTHING.**

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

DIRECTIONS FOR USE:

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

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: 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. Do Not apply this product (directly or indirectly) to any crop except rice.

WEEDS CONTROLLED

Barnyardgrass, (watergrass), signalgrass (brachiaria), coffeeweed, 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 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 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, grapes) and other sensitive crops.

Weather Conditions: WHAM! DF 80 normally requires 8 hours of DIRECT sunlight for absorption into target weeds. However, atmospheric and environmental factors can affect absorption of 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 as a herbicide (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 weed control. Use of a crop oil concentrate is recommended when application is made during adverse 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 (leaftip 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 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 $\frac{1}{4}$ mile upstream of a potable water intake in flowing water (i.e. river, stream, etc.) or within $\frac{1}{4}$ 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 Chemical Corporation 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 CHEMICAL CORPORATION 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 damage 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.

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