

AUG 12 1993

Ms. Jeanine M. Heishman
Cedar Chemical Corp.
5100 Poplar Ave.
Memphis, TN 38137

Dear Ms. Heishman:

Subject: WHAM! DF 80 HERBICIDE
EPA Reg. No. 56077-39
Your submission dated June 21, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

This acceptance of your label does not relieve you of any obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR part 158, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

Robert J. Taylor
Product Manager 25
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

RD:RTaylor:eja:7/27/93:3056800

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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	20.00
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

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE

KEEP OUT OF REACH OF CHILDREN

CAUTION-CAUCION

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.

REGISTERED
WHAM! DF 80
in EPA Letter Dated:

AUG 12 1993

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

56077-39

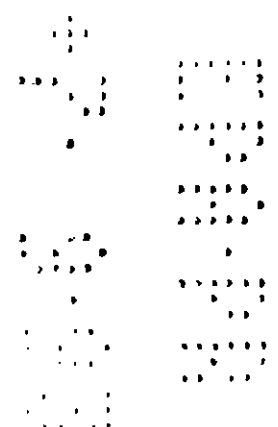
PRECAUTIONARY STATEMENTS
CAUTION

HAZARDS TO HUMAN AND DOMESTIC ANIMALS: 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. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists. 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. 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.

REENTRY STATEMENT: Do not enter treated areas without protective clothing until sprays have dried. Protective clothing should include: hat or other suitable head covering, long-sleeved shirt and long legged trousers, or a coverall type garment, shoes and socks.

Because certain states may require more restrictive entry 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. The front panel PRECAUTIONARY STATEMENTS should be read to workers as well as the instruction not to enter until sprays have dried. When oral warnings are given, warnings shall be given in language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

CAUTION: Area treated with Propanil on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here Statements of Practical Treatment as on front panel.)

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, 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 (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 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 $\frac{1}{2}$ mile upstream of a potable water intake in flowing water (i.e. river, stream, etc.) or within $\frac{1}{2}$ 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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