

CEDAR CHEMICAL CORPORATION

SuperWHAM!
HERBICIDE

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

Active Ingredient:

3'4'Dichloropropionanilide	41.2%
Inert Ingredients:	<u>58.8%</u>
TOTAL	100.0%

This product contains 4 lbs. of 3'4'Dichloropropionanilide (Propanil) per gallon of formulated product

EPA Reg. No. 56077-38
EPA Reg. No. 42761-MS-1

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. Get medical attention if irritation persists. [REDACTED]

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

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. Get medical attention.

ACCEPTED
AUG 23 1994
EPA Reg. No. 56077-38

BEST AVAILABLE COPY

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

CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Causes eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. This product may cause an allergic skin reaction. 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.

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.

AGRICULTURAL CHEMICAL

**DO NOT SHIP OR STORE WITH FOOD, 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 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. Containers should not be stacked more than 3 containers high. Reclose all partially used containers by thoroughly tightening screw cap. 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 absorbed with a suitable absorbent, swept up and transferred to a new or waste container for disposal 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. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container. Keep containers closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate 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: Triple rinse (or equivalent), adding rinsate to spray tank. Offer rinsed containers for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WHERE TO USE

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

WEEDS CONTROLLED

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

(SuperWHAM! 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 high efficiency of selective weed control with SuperWHAM!. These include uniform application, growth stage and weather conditions. To assure uniform application mix the prescribed amount of SuperWHAM! 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 SuperWHAM!. 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:

Temperature: Temperatures at and before application affect product activity in controlling target weeds. Applications should be made when daily maximum temperatures are between 75°F and 100°F. Control decreases as temperatures are between 75°F and increases with temperatures above 75°F.

Application Timing: SuperWHAM! normally requires 8 hours of DIRECT sunlight after application for absorption into target weeds; however, many atmospheric and environmental factors can affect absorption into the target weeds. It is highly recommended that application of SuperWHAM! be planned so that the applied product remains in contact with the leaf surfaces for at least 48 hours prior to rainfall or flooding. Historically, morning applications of Propanil products, including SuperWHAM! have produced better results in weed control.

Relative Humidity: SuperWHAM! is a contact herbicide; therefore, herbicidal activity is affected by humidity. High humidity and dew aid in weed control by allowing the product to remain in solution longer on the leaf surface. Low humidity decreases plant activity and thus reduces product absorption. During periods of very low humidity, higher spray volumes, 12-15 gallons per acre, should be used when applied aerially.

Soil Moisture: Under dry conditions grass and broadleaf weeds are less susceptible to control. Higher rates of product, 4 to 6 quarts per acre, should be used to achieve control.

Wind: Although SuperWHAM! is less susceptible to drift than solvent-based Propanil products, application should be avoided if wind velocity is high enough to cause drift of the application spray off the target site or irregular spray patterns. (For additional Propanil spray drift information consult Cedar Chemical's publication: New Options For Drift Control in Rice).

ADJUVANTS AND APPLICATION AIDS: When SuperWHAM! 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 product rain. Under adverse weather conditions, the addition of a crop oil concentrate when tank mixing SuperWHAM! 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

Apply 3 quarts of SuperWHAM! per acre when most grasses have reached the 1 to 3 leaf stage. Use 4 to 6 quarts of SuperWHAM! 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: SuperWHAM! 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 1/4 mile upstream of a potable water intake in flowing water (i.e. river, stream, etc.) or within 1/4 mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

IN CALIFORNIA: Use SuperWHAM! 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 SuperWHAM! within 14 days before or after insecticide applications. Serious injury to rice may occur.

TANK MIXTURES

SuperWHAM! can be tank mixed with any herbicide(s) registered for use on rice to increase the weed control spectrum. When tank mixing, observe all restrictions and limitations specified on the label of each product; always follow the most restrictive labeling.

SuperWHAM! plus FACET[®] - Early Postemergence

For a broader spectrum of postemergence grass and broadleaf weed control in rice, tank mix SuperWHAM! with Facet[®] 50 WP.

When the SuperWHAM!/Facet[®] tank mix is to be applied to rice fields during the early stages of rice growth (shortly after the first true leaf of the rice has developed), where longer Facet[®] residual activity is needed, and grass weeds are in the 1-4 leaf stage, apply 3-4 quarts of SuperWHAM! tank mixed with 0.75 pounds of Facet[®] 50 WP per acre.

When the SuperWHAM!/Facet[®] tank mix is to be applied to larger rice that can soon tolerate a permanent flood (long quinchlorac residual control not needed) yet prior to 80 days before harvest, apply as conditions warrant the following rates:

<u>Grass Stage¹</u>	<u>SuperWHAM! rate</u>	<u>Facet[®] rate</u>
1-3 leaf	2.5 quarts	0.50 pounds
4-5 leaf	4.0 quarts	0.50 pounds
larger tillering	4-5 quarts	0.75 pounds

¹This tank mix combination works best when the grass weeds are in the 2-3 leaf stage and are actively growing. Use on larger tillering grasses is a rescue treatment and less likely to achieve total control.

When tank mixing SuperWHAM! and Facet[®], 2 pints of crop oil concentrate should be added. Follow all SuperWHAM! and Facet[®] restrictions and water management instructions.

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.

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