

**NOTICE OF EMERGENCY EXEMPTION FOR THE USE OF DIURON 80W
AND NAUTILUS AQUATIC HERBICIDE TO CONTROL BLUE-GREEN
ALGAE IN COMMERCIAL PRODUCTION OF CATFISH
June 28, 2004**

The Environmental Protection Agency has granted an emergency exemption under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the Arkansas State Plant Board for the use of Diuron 80W (EPA Reg. #19713-274) and Nautilus Aquatic Herbicide (EPA Reg. # 1812-362) (diuron) for the control of blue-green algae in commercial catfish production ponds. **Applicators must be in possession of the Diuron 80W or Nautilus Aquatic Herbicide Emergency Exemption Labeling at the time of application.** All applicable directions, restrictions, and precautions on the EPA product label for Diuron 80W or Nautilus Aquatic Herbicide and this notice must be followed.

Diuron 80W / Nautilus Aquatic Herbicide may be used in or on commercial levee contained catfish ponds in Arkansas by pouring a pre-mixed slurry from a bucket directly into the pond on the outflow side of the operating aerator. Diuron 80W / Nautilus Aquatic Herbicide may be applied at a rate of 0.5 ounces of product per acre foot (0.4 ounces a.i.) every seven (7) days but not to exceed nine (9) applications per pond per year. Do not apply more than 0.225 pounds a.i. per acre foot per year.

Mixers, loaders, and applicators must wear long-sleeved shirt, long pants, waterproof gloves, shoes, and socks.

Avoid any exposure of treated pond water to Geocarpion Minimum, Pondberry, or Harperella, all of which are Federally Endangered Species.

A report of each application made under the Emergency Exemption must be filed with the Plant Board within 10 days of the **final** Diuron 80/Nautilus application to the pond. The following format is suggested for use by the applicator so the information required by the EPA will be provided:

REPORT OF DIURON 80 APPLICATION TO CATFISH

Applicator's Name:
Applicator's Address:
Farmer's Name:
Farmer's Address:
Location of Pond (or pond number):
Pond Area:
Amount of Diuron Applied per Treatment:
Dates of Application:
Number of treatments used:

Reports may be mailed to: Arkansas State Plant Board, PO Box 1069, Little Rock, AR 72202-1069 or faxed to: (501)-312-7053.

Any adverse effects resulting from the use of Diuron 80W / Nautilus Aquatic Herbicide under this emergency exemption must be immediately reported to the Arkansas State Plant Board.

Diuron 80 W manufactured by: Drexel Chemicals PO Box 13327 Memphis, TN 38113
Nautilus Herbicide manufactured by: Griffin LLC PO Box 1847 Valdosta, GA 31603

THIS EXEMPTION EXPIRES NOVEMBER 30, 2004

SECTION 18
CRISIS EXEMPTION FOR CONTROL OF THE ALGAE RESPONSIBLE FOR
THE PRODUCTION OF THE OFF-FLAVOR COMPOUND, METHYLISOBORNEOL, IN THE
COMMERCIAL FARM PRODUCTION OF CHANNEL CATFISH IN THE STATE OF ARKANSAS

Drexel

Diuron 80

Herbicide

All applicable directions, restrictions, precautions and worker protection standards on the EPA registered label (EPA Reg. No. 19713-274) are to be read, observed and followed unless otherwise modified in this document.

This label must be in the possession of the user at the time of application.

DIRECTIONS FOR USE

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

In the controlled commercial farm production of channel catfish, Diuron 80 Herbicide is effective for controlling the algae that is responsible for the production of the off-flavor compound, methylisoborneol or MIB. The application rate is 0.5 ounces of Diuron 80 Herbicide per acre foot (0.4 oz. a.i.) every seven days for a total of nine applications per year. Do not apply more than 0.225 lb. a.i. per acre foot per year.

A maximum of 20,800 lbs. diuron a.i. (26,000 lbs. of this product) may be used under this exemption.

Note: Care should be taken to avoid any exposure of pond water treated with diuron on *Geocarpion minimum*, Pondberry or on Harperella, all of which are Federally-listed endangered species.

APPLICATION PROCEDURE

1. Determine the number of acre feet of water in the pond and multiply the number of acre feet of water in the pond times 0.5 ounces per acre foot to give the number of ounces of Diuron 80 Herbicide that must be applied to the ponds.
2. Turn on the pond aerator to establish a current in the pond.
3. Weigh the correct amount of Diuron 80 Herbicide into a five gallon plastic bucket and fill the bucket half full with pond water. Stir the contents of the bucket.
4. Pour the contents of the stirred bucket into the pond on the outflow side of the operating aerator and rinse the bucket in pond water.
5. Operate the aerator for one hour after the addition of the Diuron 80 Herbicide to the pond.

Do not treat ponds when the average daily water temperatures are below 60°F or 15°C.

IMPORTANT

BEFORE USING DIURON 80 HERBICIDE, READ AND CAREFULLY OBSERVE THE PRECAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABEL.

Any adverse effects resulting from the use of this product under this emergency exemption must be immediately reported to the Arkansas State Plant Board.

This bulletin contains new or supplemental instructions for the use of this product which may not appear on the package label. Follow the instructions carefully.

Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

This labeling may not be distributed after November 1, 2004.

DIURON 80 may not be used in accordance with this labeling after November 1, 2004.



FOR DISTRIBUTION AND USE IN COMMERCIAL FARM PRODUCTION OF CHANNEL CATFISH IN THE STATE OF ARKANSAS ONLY DURING 2004 CRISIS EXEMPTION PURSUANT TO SECTION 18 OF FIFRA, AS AMENDED

NAUTILUS AQUATIC HERBICIDE

EPA REG.NO. 1812-362

EPA File Symbol TBD

FOR CONTROL OF THE ALGAE RESPONSIBLE FOR THE PRODUCTION OF THE OFF-FLAVOR COMPOUND, METHYLISOBORNEOL, IN COMMERCIAL FARM PRODUCTION OF CHANNEL CATFISH IN ARKANSAS

Directions for Use:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

In commercial levee contained catfish ponds, Nautilus Aquatic Herbicide is effective for controlling the algae that is responsible for the production of the off-flavor compound, methylisoborneol or MIB. Apply at the rate of 0.5 ounces of Nautilus Aquatic Herbicide/acre foot (0.01 ppm diuron) every seven days, for a total of nine applications (56 days). Do not apply more than 0.225 pounds of active ingredient per acre foot per year.

Application of Nautilus Aquatic Herbicide

Determine the number of acre feet of water in the pond and multiply the number of acre feet of water in the pond times 0.5 ounces/acre foot to give the number of ounces of Nautilus Aquatic Herbicide that must be applied to the pond. Turn on the pond aerator to establish a current in the pond.

Weigh the correct amount of Nautilus Aquatic Herbicide into a five gallon bucket and fill the bucket half full with pond water. Stir the contents of the bucket. Pour the contents of the stirred bucket into the pond on the outflow side of the operating aerator and rinse the bucket in pond water. Operate the aerator for one hour after the addition of the Nautilus Aquatic Herbicide to the pond.

Do not treat ponds when the average daily temperatures are below 60° F or 15° C.

Any adverse effects resulting from the use of Nautilus Aquatic Herbicide under this emergency exemption must be immediately reported to the Arkansas State Plant Board.

Important

All applicable directions, restrictions and precautions on the EPA registered label for Nautilus Aquatic Herbicide (EPA Reg. No. 1812-362) are to be followed. This labeling contains additional precautionary language which may not appear on the package label. Follow instructions carefully. This labeling must be in the possession of the user at the time of pesticide application.

This labeling:

Effective date: May 10, 2004

Expiration date: This crisis exemption shall remain in effect in 2004 until a specific exemption is processed.

051104

Report of Section 18 Application

Pesticide: _____

Applicator's Name: _____

Applicator's Address: _____

Farmer's Name: _____

Farmer's Address: _____

Acres Treated: _____

Pounds of Active Ingredient per Acre: _____

Location of Treated Area: _____

Date of Application: _____

Time of Application: _____

Mail reports to the Arkansas State Plant Board, PO Box 1069, Little Rock, AR 72203
or Fax to (501) 312-7053. Reports must be submitted within **10 days** of application.