

YLD23

Reg 3125-136 P 13
1/14/85

Base Pre-Reg. (5253)

U.S. LABEL

Reason to Issue: To revise use area
in line with U.S.D.I comments;
revise Conditions of Sale.

Date of Draft: 7/26/85 (G)

EPA Reg. No. 3125-136

RESTRICTED USE PESTICIDE

For retail sale to, and use only by, Certified Applicators or persons
under their direct supervision and only for those uses covered by
the Certified Applicator's certification.

[®]BAYLUSCIDE

(Formerly BAY 73)

70% WETTABLE POWDER

MOLLUSCICIDE

FOR CONTROL OF FRESH-WATER SNAILS

Puerto Rico Only

ACCEPTED

AUG 27 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 3125-136

NET WEIGHT POUNDS

DANGER

KEEP OUT OF REACH OF CHILDREN

(See rear panel for danger
statements)

ACTIVE INGREDIENT:

5-Chloro-*N*-(2-chloro-4-nitrophenyl)-
2-hydroxybenzamide compound with
2-aminoethanol (1:1) *f* 70%

INERT INGREDIENTS: 30%
100%

*f*U.S. Patent Nos. 3,079,297 and
3,113,067

EPA Reg. No. 3125-136

STOP - READ THE LABEL BEFORE USE

MOBAY CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS DIVISION
Box 4913, Kansas City, Missouri 64120

Note: Underlined letter in chemical nomenclature should be italicized when printed,
not underlined.

BEST AVAILABLE COPY

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BAYLUSCIDE 70% WP

FOR USE ONLY BY PUBLIC HEALTH OFFICIALS AND OTHER TRAINED PERSONNEL OF PUBLIC HEALTH PROGRAMS.

BAYLUSCIDE 70% Wettable Powder molluscicide gives effective control of fresh-water snail species that act as intermediate hosts of organisms causing schistosomiasis. This compound kills snails and snail eggs. The wettable powder wets readily when added to water and suspensions are easily applied to moving or impounded waters. Mix suspension thoroughly and maintain continuous agitation.

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale before using BAYLUSCIDE 70% Wettable Powder.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

Flowing Streams: Sufficient quantities of BAYLUSCIDE should be metered into flowing water to obtain a final concentration of 0.5 to 1.0 part per million active ingredient of the toxicant. For maximum kill of snails, the 0.5-ppm. concentration should be maintained for a 24-hour period. The 1.0 ppm. rate should be applied continuously over a 6-hour period. Repeat treatments as required.

Impounded Water: Apply sufficient quantities of BAYLUSCIDE to obtain a final concentration of 0.5 ppm. of actual toxicant in the water (1.92 pounds BAYLUSCIDE 70% Wettable Powder per acre-foot of water). Repeat treatment as required.

RESTRICTIONS

This product is toxic to fish. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

DO NOT REUSE CONTAINER - Destroy container by burying with waste or by burning. Stay away from smoke or fumes.

DANGER

Causes eye damage. May be harmful if swallowed or inhaled. Do not get in eyes. Do not breathe dust. If contact occurs, flush eyes with plenty of water. Wash thoroughly with soap and water after handling. Wear goggles or face shield when handling. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Do not contaminate feed or food. Keep out of reach of children.

BAYLUSCIDE is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

SUPPLEMENTAL LABELING

RESTRICTED USE PESTICIDE

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BAYLUSCIDE

70% WETTABLE POWDER

ACTIVE INGREDIENT:
5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide compound with 2-aminoethanol(1:1) 70Z

INERT INGREDIENTS: $\frac{30Z}{100Z}$

U.S. Patent Nos. 3,079,297 and 3,113,067
EPA Reg. No. 3125-136

DIRECTIONS FOR USE

FOR CONTROL OF SEA LAMPREY LARVAE

ONLY FOR RETAIL SALE TO AND APPLICATION BY CERTIFIED APPLICATORS OF THE U.S. FISH AND WILDLIFE SERVICE, FISHERIES AND OCEANS CANADA, AND PROVINCIAL AND STATE FISH AND GAME EMPLOYEES OR PERSONS UNDER THEIR DIRECT SUPERVISION.

State and Provincial Fish and Game Agencies must first be contacted before product is applied.

BAYLUSCIDE 70Z Wettable Powder may be used as a synergist in combination with TFM (EPA Reg. No. 6704-45) for control of sea lamprey larvae (*Petromyzon marinus*) in waters in the Great Lakes basin and the Lake Champlain system. Application of BAYLUSCIDE 40Z Wettable Powder may be made as a simultaneous addition with TFM on larger rivers to reduce the amount of TFM required or as a subsequent addition downstream to enhance TFM larvicidal activity.

Prior to using BAYLUSCIDE-TFM, pretreatment surveys must be made to determine larvae populations.

All waters selected for treatment must first be analyzed on site to determine both the minimum concentration of material required to kill lamprey larvae and the maximum concentration that can be applied without causing undue fish mortality. "Analysis" constitutes live animal bioassay or the use of a regression established by past bioassays and total alkalinity and conductivity of water.

Application concentration may vary depending upon water chemistry and temperature. Carefully calculate stream flow-rate and add the amount of material necessary to kill lamprey larvae with minimal fish mortality. Metering devices will be used that accurately deliver application rates as calculated. Chemicals will be monitored colorimetrically or by gas chromatography to insure that minimum lethal concentrations for sea lampreys are maintained and maximum allowable concentrations are not exceeded.

Directions for Mixing and Application: When using BAYLUSCIDE 70Z Wettable Powder as a synergist in combination with TFM, mix in proportions so as to result in a final concentration of BAYLUSCIDE 70Z Wettable Powder of not more than 2Z of TFM by weight. BAYLUSCIDE 70Z Wettable Powder may be added to TFM in 2 ways:

1. One method of application is a slurry of BAYLUSCIDE 70Z Wettable Powder pumped into the water through a pump while the TFM is fed separately through a conventional fuel pump feeder in amounts calculated to deliver the desired rate of TFM to BAYLUSCIDE. BAYLUSCIDE is more easily mixed as a slurry than with TFM and more uniform feed rates result.
2. A second application method is used on the large river systems with multiple tributaries. The number of application sites on these large rivers precludes the use of the first method because of the number of feeders involved, the need for a 110-volt power source at each site to run a pump, and the often difficult access to these sites. BAYLUSCIDE is introduced into the chemical bank in amounts calculated to produce the desired TFM to BAYLUSCIDE ratio. The TFM applications in tributaries are timed so that the individual chemical banks meet and form a chemical bank in the main stream that approximates the chemical concentrations in the tributaries. Since the banks are diluted by ground water, swamp seepage, untreated tributaries, occasional rain, or other conditions that cannot be included when the application rates for the tributaries are calculated, the toxicity of the bank in the main stream must be raised by the addition of TFM or BAYLUSCIDE. The latter can be used in place of TFM because of the increased toxicity of the TFM-BAYLUSCIDE mixture over TFM alone to sea lamprey larvae.

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This bulletin is not intended to provide adequate information for use of this product. Before using BAYLUSCIDE 70Z Wettable Powder, read and carefully observe caution statements, directions for use, restrictions and disposal information on the label. Observe all cautions and limitations on labeling of all other products used in combination with BAYLUSCIDE.