



EPA

**COMPANY
NUMBER**

550

**PRODUCT
SERIAL NO.**

172

**LABEL
APPROVAL
DATE**

10-15-85

550-172 p. 1/3



Aquatic Weedkiller Plus [with emulsifier]

For Use Only in Programs Of Bureau Of Reclamation, U.S. Department Of Interior And Cooperating Water User Groups

ACTIVE INGREDIENT: Xylene range aromatic solvent 97%
INERT INGREDIENTS: 3%

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE BACK PANEL FOR ADDITIONAL PRECAUTIONS!

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NET CONTENTS:

ACCEPTED
OCT 15 1985
The Federal Government
has tested and approved this
product for use under
EPA Reg. No. 550-172-AA
EPA Est. No. 550-UT-1
Van Waters & Rogers
division of Univar
San Mateo CA 94401

(8 85)

EPA Reg. No. 550-172-AA
EPA Est. No. 550-UT-1

KEEP OUT OF REACH OF CHILDREN
WARNING ADVISOR

PRECAUTION AL USUARIO: Si usted no lee ingles, no use este producto hasta que el quito le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT: FIRST AID

If swallowed: Get immediate medical assistance, call a Poison Center or a physician. Do not induce vomiting; this product contains a high percentage of aromatic petroleum solvents which may aspiration pneumonia if vomited. Do not induce vomiting without proper instructions. Do not give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply respiration if breathing stopped. Get immediate medical assistance. Oxygen should be given only by trained medical personnel.

If on skin: Immediately remove contaminated clothing, shoes, and any other items on skin. Wash contaminated skin area thoroughly with soap and warm water. Give immediate attention if reaction or irritation occurs.

If in eyes: Flush eyes with clean water with eyelids gently kept open. Water for at least 15 minutes. Get immediate medical attention.

PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals

Harmful or fatal if swallowed. Vapors harmful. Causes eye and irritation. Avoid prolonged breathing or contact with skin. Wash thoroughly with soap and warm water after handling or slipping clothing contaminated with this product. Rinse thoroughly before reuse.

Environmental Hazards

Fish and other aquatic organisms in water treated with this product will be killed. Do not allow treated water to flow into receiving streams or streams if xylene concentration is less than 100 parts per million. Consult your local Fish and Game Authorities before using water where fish and other aquatic organisms may be present.

Physical or Chemical Hazards

FLAMMABLE MIXTURE Keep away from heat and open flame. Do not inhale vapors.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL OR THE USE OF THIS PRODUCT OTHER THAN THAT ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS.

STORAGE AND DISPOSAL

Water: Do not contaminate water, tanks, or food by storage or disposal.

Outside Storage: Store at normal temperature. Keep away from heat and open flame.

Because very small amounts of the active ingredient in this product can adversely affect the environment, it is important to use this product in the most responsible manner possible. Take care to keep all caps and labels tight, and other precautions are taken to prevent the entry of water into storage containers. It is recommended that containers be stored in an unobstructed area for extended periods of time.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesti- cides, their mixtures, or residues is a violation of Federal law. If these wastes are not to be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the manufacturer's representative at the nearest EPA Regional Office for instructions.

Container Disposal: Do not reuse or refill containers. Then offer for recycling or other recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Apply this insecticide in accordance with the following general collection, handling, and disposal instructions. Do not use this insecticide for purposes other than those specified on the label. Do not use this insecticide for purposes other than those specified on the label. Do not use this insecticide for purposes other than those specified on the label.

Do not allow treated water to enter any domestic water system

Do not wash or use treated water for irrigation, watering of crops, or for any other purpose where the seedlings will be damaged by the treated water. Instead, use water from a different source for the early seedling stage.

Do not use treated water for irrigation of crops when added to the water supply. Do not use treated water for irrigation of crops when added to the water supply. Do not use treated water for irrigation of crops when added to the water supply.

residue treated and gradually break up. Because the underlying portions of the ground growth are not normally destroyed, treatment may be necessary to control its growth.

This product contains adequate emulsifiers for most applications. Do not register before adding additional emulsifiers.

The most efficient use of this product will occur when the water used in the drift may seem wasted or when the weeds are just covered and the water still flows at its original rate.

The rates shown below are given in the basis of gallons of this product application each cubic yard of water flow in the stream. Apply to the root of water in a stream 1 foot wide and 1 foot deep flowing at the rate of 1 foot per second. This is equivalent to a flow of 460 gallons per minute.

There are two effective methods of applying this product to the stream. One is drainage water. The other is to apply this product to the stream in the water. Where it is only necessary to control the growth of weeds, a high hydrostatic pressure of the water, better emulsification, and higher pressures and smaller droplets, application of the water in the stream will help in forming a good emulsion of the product. If a large amount of product is lost, the product will be lost in the water. The second method is to apply the product to the stream in the water. This is done by carrying the material in a small container which is then pushed into the stream in a drift. The material is then applied to the bottom of the stream.

Two different methods of treatment are used. The first is to apply the product to the stream in the water. The second is to apply the product to the stream in the water. The first method is to apply the product to the stream in the water. The second method is to apply the product to the stream in the water.

Preventative treatments may be applied before the weeds are 12 inches in height and the growth is not yet 12 inches in height. Apply 450 gallons per acre of water flow over a period of 30 minutes. The treatment should be repeated every 2 weeks, or more often if necessary, until the weeds are 12 inches in height.

When weeds are 12 inches in height, the treatment should be applied every 2 weeks. The treatment should be applied every 2 weeks. The treatment should be applied every 2 weeks. The treatment should be applied every 2 weeks. The treatment should be applied every 2 weeks.

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PRODUCT BULLETIN

(VWR) Aquatic Weedkiller Plus EPA Reg. No. 556 472

On the label for (VWR) Aquatic Weedkiller Plus mention is made of the need for "booster" treatments when the ditch is very long or excessive aeration reduces the concentration rapidly. Below are shown some of the factors which under field conditions can influence the need for "booster" treatments:

1. Volatilization
 - a. Warmer water temperatures will result in a faster loss of this product
 - b. Agitation and aeration of the treated water, such as at checks and drops
2. Adsorption onto the treated plant growth, suspended solids in the water and wetted surface of the ditch.
3. Dilution by "backed-up" or "reservoired" water that flows from the ditch as the weed growth obstructions are removed.

The following table gives the concentration of xylene-range aromatic solvent typically found in parts per million (ppm) when the given amount of this product is added to the irrigation or drainage water in 30 minutes. This information is provided since the color of this product when emulsified in any particular water source is influenced by the color of the water, suspended solids, dissolved salts, and other factors. For this reason it is important that all reference samples be formulated with the particular irrigation or drainage water being treated. The first step in making the reference sample is to make a stock solution containing 10,000 ppm of this product. This is done by adding 10 milliliters (ml.) of this product to sufficient subject water to make 1 liter of stock solution. The amount of the stock solution indicated in the table for the concentration desired is then added to sufficient subject water to make 1 liter of reference sample for the color comparisons. After preparation, the reference sample should be tightly stoppered and used for 1 day only. Fairly accurate estimations of concentration can be made in a side-by-side comparison of the treated water sample with the reference sample. NOTE: The treated water sample should be taken from the irrigation or drainage ditch in such a manner so as to be representative of the major flow in the ditch.

Amount of this product applied per cubic second foot of flow over 30 minutes	Typical ppm found	Amount of stock solution to add to make 1 liter of the desired ppm (in milliliters)
10	740	26
8	600	60
5	370	91
4	300	33

REFER TO THE PRODUCT LABEL FOR ADDITIONAL DIRECTIONS AND PRECAUTIONS
— OBSERVE THESE CAREFULLY —

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