Guardsman 4585

FOR DISTRIBUTION AND USE IN IDAHO ONLY

An Aquatic Weeder For Use In Irrigation and Drainage Canals and Ditches

ACTIVE INGREDIENTS:
Petroleum Aromatic Naphtha 100%

EPA SLN No. ID-800036

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Harmful or fatal if swallowed. May cause eye irritation. Vapor harmful. Avoid breathing of vapor. Avoid contact with eyes, skin or clothing.

ENVIRONMENTAL HAZARDS

Fish and other organisms in waters treated with this product will be killed. Keep out of lakes, streams, or ponds. Keep out of tidal marshes and estuaries. Consult your state fish and game agency before applying this product to public waters. Apply this product only as specified on this label. Do not contaminate water used for domestic or drinking purposes. During application, avoid drift to adjacent food and forage plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE MIXTURE: Do not use, pour, spill, or store near heat or open flame. Keep container closed.

DIRECTIONS FOR USE

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

To Be Used Only By or Under the Supervision of Irrigation District Personnel or Other Trained Personnel Responsible for Aquatic Weed Control Programs.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage, disposal of wastes, or cleaning of equipment. Open dumping is prohibited. Do not re-use container.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: A) Reseal container and offer for reconditioning, or, B) Triple rinse (or equivalent) and offer for recycling, reconditioning; dispose of in an approved landfill or bury in a safe place.

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

KEEP OUT OF REACH OF CHILDREN
DANGER
STATEMENT OF PRACTICAL TREATMENT

INTERNAL: Contains aromatic petroleum distillate. *If swallowed,* induce vomiting only at the directions of a physician; *get immediate medical attention.*

EXTERNAL: *For skin contact,* remove contaminated clothing and other personal articles, wash thoroughly with soap and water. *For eyes,* flush thoroughly for at least 15 minutes with plenty of low pressure water; get immediate medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS!

Distributed by

VAN WATERS & ROGERS

A Univar Company

SAN MATEO, CALIFORNIA 94403

SPECIAL INSTRUCTIONS FOR USE IN CANALS OR DITCHES SUPPLYING WATER FOR DOMESTIC USE: Do not allow the emulsified blanket to enter any domestic water system pipe, tank, or reservoir. (Do not divert treated water for crops except for furrow irrigation.)

Do not draw water for domestic use until sufficient time has elapsed to permit adequate flushing to eliminate tastes and odors. The required flushing time depends on local conditions. As a practical guide, check for taste and odor six hours after treating.

For control of moss, pond weeds and certain other water weeds in irrigation and drainage ditches. Consider each case individually regarding removal of submerged plant growth from the channel. The following directions are general and are suggested as adequate for most conditions. Experienced users will follow the procedure best suited to their conditions. Cut the water flow to a level that will just cover the moss and weeds but will still flow through readily. For most convenient application, pump Guardsman 4585 with emulsifier directly into the water from the container. Connect the boom section from an ordinary weed sprayer to the pump by a hose and lower it almost to the bottom, weeds, or any other obstacle. Apply at bridge, weir, diversion dam or other convenient point.

Dosages below shown as second foot of water or second foot are equivalent to cubic foot per second.

Three common methods of application are suggested: FIRST — Pump in nine gallons of Guardsman 4585 with emulsifier, per second foot of water at reduced flow, at intervals from two to four miles apart in rapid succession downstream, not waiting for the blanket. Apply the solvent in a period of between 20 to 30 minutes at each station. This method may be new to some users but it has proven highly satisfactory. SECOND — Apply six gallons of Guardsman 4585 with emulsifier per second foot at stations one mile apart downstream. Either of these methods saves considerable time in treating. THIRD — Pump in six gallons of Guardsman 4585 with emulsifier per second foot over a 30-minute period at the first station and four gallons per second foot of water at the lip of the emulsion blanket at approximately one mile intervals at the blanket flows downstream. Under any method the application at any one point should be made in a period of from 20 to 30 minutes. The rate of application is controlled by the liquid pressure and the size of the orifice in the nozzle. Six gallons per second foot is equivalent to 0.20 gallons per minute for a period of 30 minutes. An SS-730231 Nozzle operated at 150 pounds pressure delivers 0.45 gallons per minute or enough for two second feet. To treat ten second feet of water, five nozzles along the boom will deliver six gallons per second foot if the pressure is maintained at 150 pounds. This pressure gives better emulsification of the liquid than lower pressures. Where nine gallons per second foot is applied, one 730308 tip may be used for each two second feet or the number of SS-730231 increased by one-third to give the proper delivery. To apply four gallons per second foot, blank the lips in one-third of the nozzles that were used to apply six gallons per second foot and operate the pump at 150 pounds pressure.

In some cases there is a certain amount of "backed up" or "reservoired" water in the channel which is not measured over a weir but which still must be considered in estimating the amount of solvent to apply. It is better to use heavier dosages and extend the distance between treatments than to reduce the dosage and apply at more frequent intervals. A second foot of water is a stream one foot wide and one foot deep flowing at the rate of one foot per second.

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

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