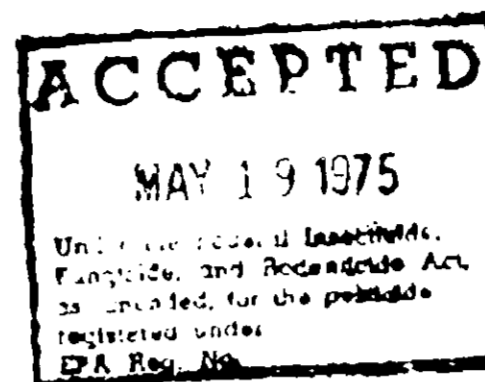




# CYCLO SOL<sup>®</sup> 31

## Herbicide

For Use Only in Programs of the Bureau of Reclamation,  
U.S. Department of Interior and Cooperating Water User Organizations.



### (FLAMMABLE LIQUID, N.O.S.)

#### ACTIVE INGREDIENT

Xylene range aromatic solvent

EPA Reg. No. 201-384

EPA Est. 201-OR-1

#### BY WEIGHT

100%

### WARNING

**KEEP OUT OF REACH OF CHILDREN**

(See other precautions below.)

#### GENERAL DIRECTIONS

Shell Cyclo Sol 31 Herbicide is effective for control of pond scum (Algae) coontail moss (Ceratophyllum Demersum), chara, horned pondweed (Zanichellia Palustris), waterweed or elodea (Anacharis Canadensis), American and Sago pondweeds (Potamogeton Americanus and P. Pectinatus) and certain other waterweeds in irrigation and drainage ditches when properly emulsified with the water in the system to be treated. Any suitable emulsifier which is EPA approved for use on growing crops may be used. They should be used at the manufacturer's recommended concentration. Apply before weed growth becomes matted at the surface or causes channeling of the water flow.

Treated water may be used for furrow or flood irrigation.

For best results, consult your state agricultural extension service for recommendations on exact dosage and timing since these factors may vary with local conditions.

#### USE DIRECTIONS

Prepare a solution of emulsifier in Shell Cyclo Sol 31 Herbicide by pre-mixing in a suitable tank equipped with a pump and recirculation line or other good agitation. Fill the tank one-fourth to one half full and, with pump and/or agitator running, add the required amount of emulsifier. Complete the filling of the tank with Shell Cyclo Sol 31 Herbicide while continuing to agitate the contents. The most economical effective results are obtained through complete mixing.

Before treatment, reduce the water level until it just covers the moss and weeds but not below the point where it will still flow readily.

Any boom sprayer which has been calibrated with the pump and line to be used and which provides adequate mixing is suitable. The best locations for adding Shell Cyclo Sol 31 Herbicide are the upstream side of bridges, weirs, diversion dams and other points where cross-mixing of the water in the canal or ditch occurs. Additions should be made to the center of the flowing stream and as near the bottom as possible.

One type of application is to distribute ten gallons of Shell Cyclo Sol 31 Herbicide plus emulsifier per cubic foot of water per second across the flowing water at two to four mile intervals. Complete this step in a time interval of 30 to 40 minutes. Then move downstream to the next accessible application site and repeat the application at a rate of 5 gallons of Shell Cyclo Sol 31 Herbicide plus emulsifier per cubic foot of water per

second. The second and each successive application should be complete before the blanket (first Shell Cyclo Sol 31 Herbicide containing water) reaches the application site.

An alternate method is to add five gallons of Shell Cyclo Sol 31 Herbicide and emulsifier per cubic foot of water per second in 15 to 20 minutes at intervals of one mile proceeding downstream. Each additional application should be made at a rate of 2.5 gallons per cubic foot of water per second. Complete each addition before the approaching blanket reaches the application site.

#### BACKED UP OR RESERVOIR WATER

Locations which contain inventories of water which are not measured by the flow of water over a weir (or other flow measuring device) must have extra Shell Cyclo Sol 31 Herbicide added to allow for this extra volume of water. Increase the total gallonage applied at each site by one gallon for each 1000 cubic feet of backed up or reservoir water in the stretch to be treated. Backed up or reservoir water may be treated only if such water forms a part of an irrigation system or drainage ditch system.

#### PRECAUTIONS IN USING

**WARNING:** Keep out of reach of children. Harmful if swallowed. If swallowed, do not induce vomiting. Call a physician immediately. Avoid repeated inhalation of vapor or contact with skin. If spilled on skin or in eyes, flush with plenty of water. If eye irritation persists, see a physician. Wash with soap and water after contact and before eating or smoking. Avoid contamination of feed and foodstuffs. **WARNING, FLAMMABLE. KEEP AWAY FROM HEAT AND OPEN FLAME.**

**DO NOT ALLOW THE TREATED WATER TO ENTER ANY DOMESTIC WATER SYSTEM.**

If containers are not returned to the manufacturer, destroy them by puncturing and burying at an approved site.

#### ENVIRONMENTAL PRECAUTIONS

Fish and other aquatic organisms in waters treated with this product will be killed.

Do not allow return flows of treated irrigation water into receiving rivers and streams if xylene residues are in excess of ten parts per million. Consult your local Fish and Game Authorities before using in any waters where loss of game fish or other aquatic organisms may occur. Apply this product as specified on this label.



#### NOTICE OF WARRANTY

**SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its use, which extend beyond the statements on this label.**

**SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, HOUSTON, TEXAS 77001**

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ALL COPY UNLESS OTHERWISE INDICATED IS SOLID BLACK