



formula **F** 20™

ENVIRO-CLEAR

**A BIODEGRADABLE CLARIFIER FOR:
ORNAMENTAL LAKES, STREAMS & PONDS**

For Professional use Only. Shake well before using.

WARNING:

See additional precautions and first aid on back panel.

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS 1 GAL.

Patent Pending



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PRECAUTIONARY STATEMENTS

WARNING: FORMULA F-20 ENVIRO-CLEAR may cause skin sensitization in certain individuals. Do not get on skin, eyes or clothing. In case of contact, wash thoroughly with water and get medical attention. May be harmful if swallowed. If swallowed, call a doctor. Wear chemical splash goggles and protective clothing when handling. Use with adequate ventilation. Keep away from heat and flame. Wash thoroughly after handling

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED:

Drink small quantities of water and get medical attention.

IF SPLASHED IN EYES:

Immediately flush with water for at least 15 minutes. Obtain medical attention.

IF SPILLED ON SKIN:

Flush thoroughly with water. Remove contaminated clothing, wash clothing before reuse.

FISH PRECAUTION:

Certain species of fish may be killed at application rates recommended on this label due to gill plugging. If the water to be treated is extremely turbid, extend the application time to reduce the chance of larger particles plugging the gills. Allow sufficient time for the fish to move into untreated areas.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL:

Keep container closed when not in use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

DISPOSAL METHOD:

Dispose in accordance with all Local, State and Federal regulations.

CONTAINER DISPOSAL:

Reseal container and offer for recondition, or triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill or bury in a safe place. Consult Federal, State or Local Disposal Authorities for approved alternative procedures.

GENERAL INFORMATION

FORMULA F-20 ENVIRO-CLEAR when properly applied, will effectively coagulate and flocculate a wide variety of suspended solids.

INJECTION / APPLICATION

For effective clarification, proper FORMULA F-20 ENVIRO-CLEAR concentrations must be thoroughly mixed throughout the body of water. Refer to the dosage table to obtain application rates. For best results:

- Identify the amount of water to be treated.
- Determine the amount of FORMULA F-20 ENVIRO-CLEAR necessary to obtain the desired clarity in parts per million (ppm). Do not exceed 10 ppm in a single dosage.
- Examine the flow rate to determine the cycle time of the body to be treated.

HOW TO APPLY FORMULA F-20 ENVIRO-CLEAR

For best results, FORMULA F-20 ENVIRO-CLEAR may be injected directly into the pump intake line through a pulse type feed pump. Another effective method is to slowly drip the product through the pump intake strainer (if the flow rates are exceptionally high). DO NOT ADD WATER TO THIS PRODUCT.

HOW TO FIND GALLONS OF FORMULA F-20 ENVIRO-CLEAR TO ADD TO WATER

To find Acre-Feet in a body of water, measure the body of water in feet. Calculate the surface area in square feet, divided by 43,560 (sq.ft./acre) times the average depth in feet.

- 1 Acre Foot of Water = Water measuring 208.7 feet long by 208.7 wide by 1 foot deep.
- 1 Acre-Foot of Water = 43,560 cubic feet = 325.851.6 gal.
- 1 Cubic Foot of Water = 62.4 pounds.
- 1 Acre-Foot of Water = (43,560.) (62.4) = 2,720,000. Pounds.

DOSAGE TABLE

Gallons Formula F-20 ENVIRO-CLEAR Per Acre - Foot Water	=	PPM Formula F-20 ENVIRO-CLEAR
0.75 gal.	=	2.5
1.50 gal.	=	5.0
3.00 gal.	=	10.0

Extremely turbid water may require as much as 10 ppm for initial treatment. Maintenance dosages are typically lower than 1 qt. per Acre-Foot of Water, depending upon introduction rate of new solids, flow rates and desired clarity. Do not add more than 10 ppm in one single application.

DRIP SYSTEM APPLICATION

- FORMULA F-20 ENVIRO-CLEAR should be applied during recirculating pump operation time. High turbidity and low water flow may cause poor product distribution causing less desirable control. Under these conditions, increasing water flow rate and pump operating time may be necessary.
- Prior to treatment it is important to accurately determine water flow rates in the absence of weirs, orifices, or similar devices which give accurate water flow measurements. Volume of flow may be estimated by the following formula:
Average Width(feet) x Average Depth (feet) x Velocity*(feet/second)x 0.9
= Cubic Feet per Second (C.F.S.)
= 7.50 Gallons per Second (G.P.S.)
= 450 Gallons per Minute (G.P.M.)
= 27,000 Gallons per Hour (G.P.H.)

* Velocity is the time it takes a floating object to travel a given distance. Dividing the distance traveled (feet) by the time (seconds) will yield velocity (feet/seconds). This measurement should be repeated at least three times at the intended application site and then averaged.

- After accurately determining the amount of water to be treated, refer to the dosage table to determine the amount of FORMULA-20 ENVIRO-CLEAR necessary for desired clarity. Calculate the complete cycle time and administer the product accordingly.

PACKAGING - FORMULA F-20 ENVIRO-CLEAR is packaged in 1-gallon bottles, 5-gallon pails and 55-gallon drums.

NOTICE - Neither the manufacturer nor the seller makes any warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.