

AL-89

INDUSTRIAL WATER BIOCIDES

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER:

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS:

Strong oxidizing agent. Mix only with water. Use clean utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals may start a chemical

reaction with generation of heat, generation of hazardous gases and possible generation of fire explosion. In case of contamination or decomposition do not reseat container. If possible isolate container in open air or well ventilated area. Flood with large volume of water if necessary.

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|---------------------------------|--------------|
| Active Ingredient | |
| Trichloro-s-triazinetrione | 89.4% |
| Inert Ingredients | 8.6% |
| Provides 89% available chlorine | |
| EPA Reg. No. | EPA Est. No. |

KEEP OUT OF REACH OF CHILDREN DANGER

PRACTICAL TREATMENT: FIRST AID

If swallowed feed bread soaked in milk followed by olive oil or cooking oil. Call a physician immediately. If on skin brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists get medical attention. If in eyes flush with cold water for at least 15 minutes. Get medical attention. SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL.

Net Contents

AL-89 industrial water biocide is recommended for use in either industrial cooling water or in industrial water for washing air.

DIRECTIONS FOR USE

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

Industrial Cooling Tower Water

For badly fouled systems add ¼ to 1½ lbs of AL-89 industrial water biocide daily for each 10,000 gallons of system water. This provides 10 ppm and 20 ppm available chlorine respectively. Repeat each day until the system is free of visible fungi and algal slime. This condition is usually indicated when a free available chlorine residual of at least 1 ppm is found 4 hours after the treatment. When a system is under control add 2¼ or 5 oz of AL-89 industrial water biocide daily per 10,000 gallons of system water to provide 2 or 4 ppm free available chlorine respectively. These amounts may be raised or lowered as required and indicated by water conditions and by test for chlorine residual. Reliable test kits for testing free available chlorine are available and should be used. The AL-89 industrial water biocide should be added directly from the container to a place in the system where it will be evenly mixed with the water.

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Water for Air Washers

In starting up a new system add 4 oz. to 8 oz. of AL-89 industrial water biocide per 10,000 gallons of water in the system. This provides 4 or 5 ppm of free available chlorine respectively. For routine control add ¼ to 1¼ oz of AL-89 industrial water biocide per 10,000 gallons of water daily. This will provide 0.5 or 1.0 ppm free available chlorine. These amounts may be raised or lowered as required and indicated by water conditions and tests for free available chlorine. Reliable test kits are available for testing chlorine and should be used.

Storage and Disposal

Keep product dry in tightly closed container when not in use. Store in a cool, dry well-ventilated area away from heat or open flame. In case of decomposition isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area or bury in a safe place.

Berclay Chemical Company
150 Coolidge Avenue
Watertown, MA 02172

ACCEPTED
with COMMENTS
In 1984

BEST DOCUMENT AVAILABLE

JUN 1 1984

Handwritten notes and stamps, including the number 10 332-12.

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-167)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

JUL 13 1984

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

BEST DOCUMENT AVAILABLE

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

1. The registrant shall file a copy of the registration with the Administrator within 30 days of the date of registration of the product under the Act.

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE