


US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 11541-13	DATE OF ISSUANCE JAN 29 1986
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT O'B-Alge-105	
NAME AND ADDRESS OF REGISTRANT (include ZIP code)		
O'Brien Industries, Inc. 95 Dorsa Avenue Livingston, NJ 07039		
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.		
This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Add the phrase "EPA Registration No. 11541-13" to your label before you release the product for shipment.		
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.		
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.		
A stamped copy of the label is enclosed for your records.		
<div style="text-align: center;">  for A. E. Castillo Product Manager (32) Disinfectants Branch Registration Division (TS-767C) </div>		
Enclosures		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE



Controls bacteria, fungi, and yeasts in paper mills, metalworking fluids containing water, and enhanced oil recovery systems; controls bacteria, fungi, and algae in industrial recirculating water cooling towers and in once-through fresh and sea water industrial cooling water systems; controls slime-forming bacteria and fungi in air-washer systems.

FOR INDUSTRIAL USE ONLY

Active Ingredients:

- 2,2-Dibromo-3-nitropropionamide 5%
 - Inert Ingredients: 95%
- E.P.A. Registration No. 11541-
E.P.A. Est. 11541- NJ-02

KEEP OUT OF REACH OF CHILDREN



PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUSES SEVERE BURNS OF EYES • CAUSES SKIN IRRITATION • HARMFUL IF SWALLOWED

Do Not Get In Eyes, on Skin, or on Clothing • Wear Chemical Worker's Goggles When Handling • Wash Thoroughly After Handling

FIRST AID: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation persists. If Swallowed, immediately induce vomiting by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment, or disposal of wastes. **NOTE:** Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your regional office of the EPA.

In case of an emergency endangering life or property involving this product, call collect 216-721-6800

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: To maintain product quality, store at temperatures below 60°C. Keep container tightly closed when not in use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest Pesticide Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

NOTE: ADD O¹B-Alge-105 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES. IN ORDER TO AVOID DECOMPOSITION OF O¹B-Alge-105 DUE TO THE PRESENCE OF MANY ADDITIVE FORMULATIONS

PAPER MILLS

For the control of bacterial, fungal, and yeast growths in pulp, paper, and paperboard mills, add (O¹B-Alge-105) at the rate of 0.06-0.15 gal (per ton of pulp or paper (dry basis). Addition should be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of O¹B-Alge-105 in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water tanks.

Heavily fouled systems should be boiled out, then treated with 0.06-0.15 gal O¹B-Alge-105 (per ton of paper (dry basis), as necessary, for control.

Moderately fouled systems should be treated continuously with 0.15-0.21 gal O¹B-Alge-105 (per ton of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced to 0.06-0.15 gal O¹B-Alge-105 (per ton of paper on a continuous or intermittent basis, as needed for

control. Dislodged slime may cause breaks in paper and a clean-up of the paper machine will be advisable.

Slightly fouled systems should be treated continuously with 0.06-0.15 gal O¹B-Alge-105 (per ton of paper (dry basis) until the slime is controlled. Additions should be made on an intermittent basis to maintain control.

METALWORKING FLUIDS CONTAINING WATER

This product is effective in metalworking fluids and concentrates which have been diluted in water at a ratio of 1:100-1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add O¹B-Alge-105 to the fluid in the collection tank. Additions should be made with a metering pump.

Initial or Slug Dose: When the system is just noticeably fouled, add 1 gal O¹B-Alge-105 (per 2400 barrels of metalworking fluid) to the system. Repeat additions until control is achieved.

Subsequent Dose: When microbial control is established, add 0.44-0.66 gal O¹B-Alge-105 (per 2400 barrels of metalworking fluid) per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

ENHANCED OIL RECOVERY SYSTEMS

For controlling slime-forming bacteria, sulfur-reducing bacteria, yeasts, and fungi in oil field polymer or micellar floods, water-disposal systems, or other oil field water systems, add 4-320 ppm O¹B-Alge-105 (0.4-28.6 gal O¹B-Alge-105 per 2400 barrels of water) depending on the severity of contamination. Additions should be made with a metering pump either continuously or intermittently.

Continuous Feed Method

When the system is noticeably fouled, add 40-320 ppm O¹B-Alge-105 (3.6-28.6 gal O¹B-Alge-105 per 2400 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 4-60 ppm O¹B-Alge-105 (0.4-5.4 gal O¹B-Alge-105 per 2400 barrels of water) continuously or as needed to maintain control.

Intermittent or Slug Method

When the system is noticeably fouled, or to maintain control of the system, add 40-320 ppm O¹B-Alge-105 (3.6-28.6 gal O¹B-Alge-105 per 2400 barrels of water) intermittently for 4-6

E-105

week, or as needed
amination.
may be made at the
after the injection

least, and fungi in
used in flooding
B-Alge-105
per 2400 barrels
ge-105 should
immediately after
polymer solution to

TING WATER

again for any other
should be made
be continuous or
severity of the con-
and the reten-
product is attained
treatment if "shock"
should be discon-

ge-105 1,000 gal
ng on the severity

noticeably fouled,
-105 1,000 gal of
control is achieved.

control is evident,
-105 1,000 gal
s, or as needed to

cleaned before treat-

noticeably fouled,
105 1,000 gal of

level by pumping a
gal O¹B-Alge-
em per day

cleaned before treat-

FOR CONTROL OF FUNGI AND ALGAE

Add 0.116-0.380 gal O¹B-Alge-105 /1,000 gal of water in the system depending on the severity of contamination.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, add 0.192-0.380 gal O¹B-Alge-105 /1,000 gal of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.116-0.380 gal O¹B-Alge-105 /1,000 gal of water in the system daily, or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 0.192-0.380 gal O¹B-Alge-105 /1,000 gal of water to the system.

Subsequent Dose: Maintain this treatment level by pumping a continuous feed of 0.116-0.380 gal O¹B-Alge-105 /1,000 gal of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling bacteria, fungi, and algae in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons, add O¹B-Alge-105 to the system inlet water or before any other contaminated area in the system. Addition should be made with a metering pump; it may be continuous or intermittent depending on the severity of the contamination when treatment is begun, and the retention time in the system.

FOR CONTROL OF BACTERIA

Add 4-48 ppm O¹B-Alge-105 based on the flow rate through the system depending on the severity of contamination.

Intermittent Method

Initial Dose: When the system is noticeably fouled, add 24-48 ppm O¹B-Alge-105. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident add 12-48 ppm O¹B-Alge-105 intermittently as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 24-48 ppm O¹B-Alge-105 continuously to the system.

Subsequent Dose: When microbial control is evident, pump a continuous feed of 4-24 ppm O¹B-Alge-105 to the system.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add 144-472 ppm O¹B-Alge-105 based on the flow rate through the system, depending on the severity of contamination.

Intermittent Method

Initial Dose: When the system is noticeably fouled, add 240-472 ppm O¹B-Alge-105 to the system. The minimum treatment interval should be 15 minutes. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 144-472 ppm O¹B-Alge-105 to the system daily or as needed to maintain control. The minimum treatment interval should be 15 minutes.

Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 240-472 ppm O¹B-Alge-105 to the system.

Subsequent Dose: When microbial control is evident, pump a continuous feed of 144-472 ppm O¹B-Alge-105 to the system.

Badly fouled systems must be cleaned before treatment is begun.

AIR-WASHER SYSTEMS

Add 0.0078-0.250 gal O¹B-Alge-105 /1,000 gal of water in the system, depending upon the severity of contamination to control slime-forming bacteria and fungi in industrial air-washer systems.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, add 0.156-0.250 gal O¹B-Alge-105 /1,000 gal of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0078-0.125 gal O¹B-Alge-105 /1,000 gal of water in the system every 2 days or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 0.156-0.250 gal O¹B-Alge-105 /1,000 gal of water in the system.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.0078-0.125 gal O¹B-Alge-105 /1,000 gal of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

Note: For use only in industrial air-washer systems that maintain effective mist eliminating components.

Notice: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



NOTICE

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

net

kg/

lb



A Zinkan Enterprises Company

2686 Lisbon Road
Cleveland, Ohio 44104
85 Dorsa Avenue
Livingston, N.J. 07039

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 29 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

11541-13