



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
~~11541-15~~  
11541-15

Date of Issuance:  
SEP 23 1994

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Sludgetrol A101

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

O'Brien Industries, Inc.  
10574 Ravenna Road  
Twinsburg, OH 44087

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 11541-15".

b. In the submitted labels, the pages were out of order. Place the pages in the correct order and assure that the headings "Directions for Use" and "Keep Out of the Reach of Children" appear before the actual directions for using this product.

c. After "Treatment of algae" and "Trout and certain other species of fish" delete the colons ":" and make them the same print type as the rest of the paragraphs. These phrases are not headings.

Signature of Approving Official:

Date:

SEP 23 1994

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EPA Reg. No. 11541-15

d. Move "In the event of a spill, neutralize with limestone or baking soda before disposal. May deteriorate concrete." to the Storage and Disposal section.

3. Submit one (1) copy 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.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

Jacket 387

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

SEP 23 1994

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

~~11541-15~~  
11541-15

# SLUDGETROL

## A101

### ALGAECIDE/BACTERICIDE

Active ingredient (Copper as Metallic).....	* 5.0%
Inert ingredients .....	95.0%
Total .....	100.0%

\* From Copper Sulfate Pentahydrate

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**If in Eyes:** In case of eye contact, flush with plenty of potable water for at least 15 minutes and **Call a Physician.**

**If on Skin:** If contact occurs, wash thoroughly with soap and water.

**If swallowed:** If accidental ingestion occurs, drink large quantities of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water and **Call a Physician or Poison Control Center.**

**SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS**

EPA REG. NO. xxxxxxxxxxxxxxxxxxxxxxxxxxxx  
EPA EST NO. 11541-OH-2

FOR EMERGENCY ASSISTANCE  
CHEM TEL (800) 255-3924

Net Contents:                      Gallon  
9.9 Lbs. per Gallon or 1.88 Kg/L

Non-Flammable  
**DO NOT FREEZE**  
O'Brien CA0601XX

Mfg. by:                      O'Brien Industries  
Cleveland, OH  
216-487-1500





A101 directly from the container into the lakes, ponds, reservoirs, or irrigation canals. Several application points speed up dispersal. Static water requires less chemical for algae/bacteria control than does flowing water. Use higher dosages for chara, nitella, and filamentous algae (pond scum), and lower dosages for planktonic algae. If there is uncertainty about the dosage, begin with a lower dose and increase until control is achieved, or until the maximum allowable level has been reached.

**Treatment of algae:** Can result in oxygen loss from the decomposition of dead algae. This loss can cause fish suffocation. If the algae cover more than one-third of the total water area, treat in sections. Treat one-third to one-half of the water area in a single operation and wait for 10 to 14 days between treatments. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. In regions where ponds freeze in winter, treatment should be done 6 to 8 weeks before expected freeze time to prevent masses of decaying algae under an ice cover.

**Trout and certain other species of fish:** May be killed at recommended application rates, especially in soft or acidic waters. Before treating bodies of water, consult proper state authorities, such as the fisheries commission or conservation department to obtain any necessary permits.

**In Lakes, Ponds and Reservoirs:** For fastest results disperse Sludgetrol A101 evenly throughout the pond. Apply at the rate of one pint Sludgetrol A101 in 7,500 - 300,000 gallons. For best results, apply to warm, still water systems. Under no circumstances exceed one gallon in 60,000 gallons, the equivalent of 1 ppm metallic copper.

**In Irrigation Conveyance Systems:** For continuous addition add one pint Sludgetrol A101 for each 7,500 - 300,000 gallons of water. For conveyance systems longer than 30 miles, it is recommended that the above dosage be dispersed among injection points every 30 miles. However, do not exceed the total dosage of one gallon in 60,000 gallons of water.

### GENERAL INFORMATION

Sludgetrol A101 is an innovative formulation used for the suppression of bacterial odors and toxic gases in sewage lagoons, feedlot runoff pits, animal confinement facilities, and other ponds containing organic matter or algae/bacteria. Sludgetrol A101 may also be used to control algae, bacteria and pond weed in irrigation reservoirs, ponds, and potable water supplies.



**STORAGE AND DISPOSAL**

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

**Storage:** Store in safe place away from pets and **KEEP OUT OF REACH OF CHILDREN**. Store away from excessive heat and above 32°F because Sludgetrol A101 will freeze. Freezing may cause product separation. Always keep container closed. Store Sludgetrol A101 in its original container only. Bulk Sludgetrol A101 shall be stored and handled in stainless steel, fiberglass, polypropylene, PVC or plastic equipment. Keep away from galvanized pipe, and any nylon storage or handling equipment.

**Pesticide Disposal:** Excess Sludgetrol A101 should be disposed of through use. Do not contaminate lakes, river, or streams as this may cause fish kill. 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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burning, stay out of smoke.

**GENERAL BACTERIAL ODOR CONTROL:** Application rates may vary depending on amounts of organic matter (sewage) in lagoons and pits. Application should be done by pouring Sludgetrol A101 directly from the container into the pit or lagoon. Several application points speed up dispersal. Use one gallon of full strength Sludgetrol A101 in 60,000 gallons (8,000 cubic feet) of sewage. For fastest results disperse Sludgetrol A101 evenly throughout sewage. Bacterial odors should be noticeable reduced in 1-2 weeks. Repeat application when odors reoccur.

**Feedlot Runoff Lagoons:** Add a portion of the required dosage of Sludgetrol A101 at several locations around the lagoon to speed dispersal of the product. A minimum of two applications per year (spring and fall) is recommended. Additional applications may be required as needed or when the lagoon is pumped.

**Animal Confinement Pits:** If pits are located under the confinement buildings, add Sludgetrol A101 direct to these pits. If the pits are outside, add Sludgetrol A101 to the transfer line to the pit.

**Other Organic Sludges:** Sludgetrol A101 must be thoroughly mixed with sludge. Apply at the rate of one gallon Sludgetrol A101 in 30,000 gallons of sludge.

**GENERAL ALGAE/BACTERIAL CONTROL:** For algae/bacteria control, apply in late spring or early summer when algae/bacteria first appear. The dosages are variable, and depend upon algae/bacteria species, water hardness, water temperature, amount of algae/bacteria present, as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with temperatures above 60° F (15.6 °C). Higher dosages are required at lower water temperatures, higher algae/bacteria concentrations, and for hard waters. Application should be done by pouring Sludgetrol

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive, causes irreversible eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed, inhaled or absorbed through skin. May cause allergic skin response. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, except as specified on this label. In the event of a spill, neutralize with limestone or baking soda before disposal. May deteriorate concrete.

*to Store & Dispose*

**Fish and Aquatic Organisms:** This product is toxic to fish. Direct application of Sludgetrol A101 to water may cause a significant reduction in populations of aquatic invertebrates, plants and fish. Do not treat more than one half of a lake or pond at one time in order to avoid depletion of oxygen from decaying vegetation. Allow 1 to 2 weeks between treatment for oxygen levels to recover. Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acidic waters. Do not contaminate water when disposing of equipment wash waters. (See Disposal Instructions.) Consult your State Fish and Wildlife Agency before applying this product to public waters. Permits may be required before treating such waters

**DIRECTIONS FOR USE**

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