

48301-18, PM-31, 1/4

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 48301-18	DATE OF ISSUANCE AUG 18 1987
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT Bronopol Preservative	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Angus Chemical Company 2211 Sanders Road Northbrook, IL 60062		
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.		
<p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none">1. Submit/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. Make the labeling changes listed below before you release the product for shipment:<ol style="list-style-type: none">a. Add the phrase "EPA Registration No. 48301-18."b. Revise the statement:<p>If on skin, flush exposed skin with plenty of water.</p><p>to read:</p><p>If contact with skin, immediately flush skin with water for 15 minutes. Call a physician.</p>		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

c. Expand the Directions for Use to include:

- (1) Each type of metalworking fluid formulation (e.g., emulsifiable oil, semisynthetic or synthetic fluid) in which the product is recommended for use.
- (2) Effective dosage for each type.
- (3) The oil to water ratio at which effectiveness has been demonstrated.
- (4) The frequency of dosage.
- (5) How and where the product is to be added to the system.
- (6) Instructions for the initial treatment of fouled systems.
- (7) The duration of activity under conditions of use.
- (8) Instructions on how often (or at what intervals) the system is to be completely drained, cleaned, and fresh metalworking fluid and preservative added.

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.

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

DRAFT LABELBRONOPOL *Preservative*

Active ingredient:

2-Bromo-2-nitropropane-1,3-diol

95%

Inert Ingredients:

5%

Total 100%

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals**Keep Out of Reach of Children****DANGER!****CORROSIVE, CAUSES EYE AND SKIN DAMAGE.****MAY BE FATAL IF SWALLOWED.**

Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or face shield and rubber gloves when handling.

Statement of Practical Treatment

If in eye(s), immediately flush eye(s) with plenty of water for at least 15 minutes. See a physician. If on skin, flush exposed skin with plenty of water. If swallowed, do not induce vomiting; drink milk, egg whites, gelatin solution. If these are not available, drink large amounts of water. Call a physician.

Note to Physician

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed. See side panel for additional precautionary statements.

Environmental Hazards

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

EPA Reg. No. 48301-

EPA Est. No. 33753-EN-01

ANGUS Chemical Company

2211 Sanders Road

Northbrook, IL 60062

ACCEPTED

WITH COMMENTS

In EPA Letter Dated:

AUG 18 1987

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

48301-18

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Draft Label

Storage and Disposal

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Keep away from heat. 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

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Triple rinse (or equivalent). Then dispose of drum and liner by incineration or burial in a sanitary landfill, if allowed by State and local authorities. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

USE IN METALWORKING FLUIDS

- In Diluted Fluids: A concentration of 250 to 1,000 ppm of Bronopol in the fluid is sufficient to control gross microbial growth. For example, add 0.5 lb. of Bronopol to 1,000 lb. of fluid to obtain a dose level of 500 ppm in the fluid.
- Maintenance Dosage: Add 100-200 ppm of Bronopol to maintain control of the system.
- In Concentrates: Bronopol may be incorporated in metalworking fluid concentrate by the manufacturer. However, the manufacturer should determine the storage stability of Bronopol in the concentrate to ensure that incompatibility will not affect its efficacy. The amount to be incorporated will depend on the dilution factor recommended for the concentration.

ACCEPTED
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in EPA Letter Dated:

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