



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W.

Washington, D.C. 20460

EPA Reg. Number:

48301-40

Date of Issuance:

JAN 08 2001

Term of Issuance:

CONDITIONAL

Name of Pesticide Product:

"MYACIDE S30"

NOTICE OF PESTICIDE:

- Registration
- Re-registration

Under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code)

Angus Chemical Company
1500 East Lake Cook Road
Buffalo Grove, IL 60089

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/re-registered 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 section 3(c)(7)(A) provided that you:

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

2. Add the phrase EPA Registration Number "EPA Reg. No. "48301-40".

Signature of Approving Official:

Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

JAN 08 2001

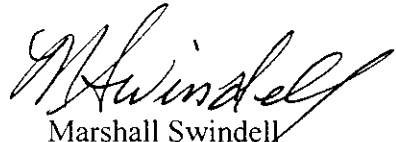
page 2
EPA Reg. No. 48301-40

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.

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

DIRECTIONS FOR USE

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

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

MYACIDE S30 may be dosed directly into the sump or basin or it may be added by a suitable chemical pump. Where metering pumps are used, these must be set to deliver the required dose within 1 hour. The dosing point should be located close to the outlet from the basin to ensure rapid dispersal around the system.

MYACIDE S30 may be dosed once or twice weekly at 70-280 ml/cubic meter or 0.56-2.2 pt/1000 gallons (25 to 100 ppm active ingredient) depending on the condition of the tower, the quality of raw water input and the amount of bleed off. Where contamination is heavy, more frequent dosing may be required. In heavily fouled systems, the tower should be drained and cleaned before treating with MYACIDE S30.

INDUSTRIAL PROCESS WATER

For use in closed circuit machine cooling (injection molding, etc.) and stored (non-potable) water. To reduce the biofouling of pipework, heat exchangers, condenser tubes and minimize microbially produced corrosion. Shock dosing into the sump/tank of the process water system is preferred. Closed circuit systems require less frequent dosing.

In open systems shock dosing should be carried out on a once weekly to once monthly basis depending on the degree of contamination.

Initially dose at 140 ml/cubic meter, or 1.1 pt/1000 gallons (50 ppm active ingredient). When successful, dosing can be lowered to a minimum level equivalent to 10 ppm active ingredient. For intermittent treatment or during routine maintenance use MYACIDE S30 at 100 ppm active ingredient, and a contact time of at least one hour.

OIL AND GAS FLUIDS

This product may be used in terrestrial and off-shore drilling muds and packer fluids.

Use for in-can preservation of a wide range of gels and fluids including fracturing, enhanced oil recovery, injection, well squeeze, drilling, workover and completion fluids.

Add MYACIDE S30 at 140-280 ml/cubic meter (1.1-2.2 pt/1000 gallons, or 0.047-0.093 pt/barrel) which is equivalent to 50-100 ppm active ingredient.

For well squeezed fluids add MYACIDE S30 at 70-560 ml/cubic meter, or 0.56-4.5 pt/1000 gallons (25-200 ppm active ingredient).

OIL PROCESS WATERS

For use in oil and gas well injection and formation waters.

Inject MYACIDE S30 as a slug dose directly into well and formation waters at 70-280 ml/cubic meter; 0.56-2.2 pt/1000 gallons or 0.0235-0.093 pt/barrel, (25-100 ppm active ingredient). A slug dose should be applied from once per week to once per month depending on the severity of contamination.

OIL AND GAS PIPELINE AND TANK MAINTENANCE

For use in water bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems.

Inject MYACIDE S30 directly into the water bottom or pipeline, or add to the hydrocarbon phase. Treat once daily for pipeline maintenance to once every one or two months for both storage and transportation systems. Apply MYACIDE S30 at 70-560 ml/cubic meter or 0.56-4.5 pt/1000 gallons of aqueous phase (25-200 ppm active ingredient). Higher levels may be added when dosing the hydrocarbon phase which will result in longer term protection by gradual diffusion into the water.

ADHESIVES

For in-can preservation of water-based adhesives and mastics incorporating acrylate and other polymer dispersions add 140-725 ml, or 0.3-1.5 pt MYACIDE S30 per 100 lbs. total formulation weight.

METALWORKING FLUIDS

For use in soluble oils, semi-synthetic and synthetic fluids. Add directly to the sump (with agitation) and allow the system to circulate for about one hour before shutdown.

In diluted fluids add 700-2800 ml/cubic meter or 0.7-2.8 gallon/1000 gallon (250-1000 ppm active) to control microbial growth. For maintenance add 280-1120 ml/cubic meter or 0.28-1.1 gallon/1000 gallon (100-400 ppm active ingredient) on a weekly basis preferably in the afternoon before shutdown. The frequency may be increased where significant contamination is identified.

MYACIDE S30 may be incorporated in metalworking fluid concentrate by the manufacturer who should ensure that any incompatibility will not affect efficacy.

PAPER MILL PROCESS WATER

Apply at a convenient point early in the process system (machine chest, constant head box or backwater loop system).

Shock dose one, twice or three times daily at 1 to 25 ppm a.i. in the process water. This equates to 30 and 700 ml (0.06 and 1.5 pt) per ton of finished paper or paperboard depending on the complexity of the system, quality of raw paper and type and degree of contamination.

PAPER MILLS-BULK PULP

Add MYACIDE S30 directly into the hydropulper, machine chest or stock chest.

Apply MYACIDE S30 once weekly to once daily at between 150 and 560 ml per ton of stock or 1.1-4.4 pt/1000 gallons (50-200 ppm active ingredient) depending on the degree of contamination.

ABSORBENT CLAYS

For in-can preservation impregnate absorbent clays such as fullers earth, sepiolite and attapulgite with MYACIDE S30 by spraying or pouring 7.0 to 56.0 ml/100 kg clay or 0.11-0.86 fl. oz/100 lb of clay (25-200 ppm active ingredient).

STARCH, PIGMENT AND EXTENDER SLURRIES

For in-can preservation apply MYACIDE S30 to water based solutions of starch or pigments and extender slurries such as kaolin, calcium carbonate and titanium dioxide. Recommended use rates are 280 to 1400 ml/cubic meter at 2.2-11.2 pt/1000 gallon based on the final formulation volume (100 to 500 ppm active ingredient).

NB: Not for use in pigments in the State of California.

PAINTS, LATEX AND ANTIFOAM EMULSION SYSTEMS

For in can preservation of acrylic, styrene-acrylic, polyvinyl acetate and other latex emulsion concentrates, latex emulsion based paints, silicone and other antifoam emulsion systems.

Add MYACIDE S30 at 280 to 1400 ml/cubic meter or 2.2-11.2pt/1000 gallon based on the final formulation volume (100-500 ppm active ingredient).

WATER BASED PRINTING INKS

To inhibit the growth or spoilage bacteria during the storage and use of water based printing inks, including their use as fountain solutions.

In-can preservation- MYACIDE S30 should be dosed at 280 to 1400 ml/cubic meter or 2.2-11.2 pts/1000 gallon based on the final formulation volume (100-500 ppm active ingredient).

During the use of fountain solution shock dose MYACIDE S30 at 140 to 280 ml/cubic meter (1.1 to 2.2 pt/1000 gallon) depending on the contamination (between 50 and 100 ppm active ingredient). Apply once or twice weekly as a normal routine to the fountain solution sump.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JAN 08 2001

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

48301-40

MYACIDE® S30

ACTIVE INGREDIENT:	
2-bromo-2-nitropropane-1,3-diol	30.0%
INERT INGREDIENTS:	
	70.0%
TOTAL	
	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN, OR INHALED.

Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing, and rubber (or chemical resistant) gloves. Wash thoroughly with soap and water after handling, and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

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

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 Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Empty residue into application equipment. Triple rinse (or equivalent) then offer container for recycling or reconditioning or puncture. Dispose of container in a sanitary landfill, or by incineration, if allowed by state and local authorities. If burned, stay out of smoke.

See Additional Precautionary Statements on Side Panel.

E.P.A. Reg. No. 48301-

Est. No. 33753-GBR-003

A-207C-1

Printed in U.S.A.

ANGUS®

ANGUS Chemical Company

1500 E. Lake Cook Road

Buffalo Grove, IL 60089 U.S.A.

MYACIDE is a registered trademark of Knoll Microcheck

DIRECTIONS

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

GENERAL USE D

To control the growth of slime causing and corrosion inducing industrial applications. Not for use in California.

MYACIDE S30 can be dosed directly or by metered pump. Do not apply to cooling water systems; a meter is required for this use and application.

For in-can product preservation M to any liquid phase as late in the manufacturing process and after the product has cooled below 40°C for even distribution throughout the product.

Applicators and other handlers must wear long pants, socks plus shoe covers and gloves. Do not apply this product to workers or other persons. Follow instructions for cleaning/maintaining personal protective equipment (PPE). If there are no such instructions, use a detergent and hot water. Keep and wash all other laundry that have been drenched or heavily soiled with this product's concentrate. Do not reuse hands before eating, drinking, chewing gum, or using the toilet. If pesticide gets on clothing immediately, wash thoroughly. Users should remove contaminated clothing and handling this product. Wash the hands before removing. As soon as possible, wash the contaminated clothing into clean clothing.

AC
with C
in EPA
JAN

Under the Federal Fungicide, amended, for registered use

48