
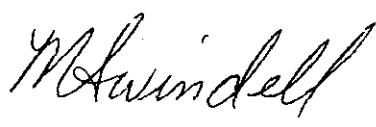


48301-33

10/04/2000

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 48301-33	Date of Issuance: OCT 04 2000
	Term of Issuance: Conditional	
	Name of Pesticide Product: Tris Nitro Solid	
Name and Address of Registrant (include ZIP Code): Angus Chemical Company 1500 East Lake Cook Road Buffalo Grove, IL 60089		
<p>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.</p> <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>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.</p> <p>Based on your response to the Reregistration Eligibility Document for Tris(hydroxymethyl)-nitromethane, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.</p> <p>Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Make the following labeling changes before you release shipment:</p> <ol style="list-style-type: none"> Revise the EPA Registration Number to read, "EPA Reg. No. 48301-33". Place the appropriate EPA Establishment No. on the product labeling. 		
Signature of Approving Official: Marshall Swindell, Product Manager 33, RMBI, AD 	Date: OCT 04 2000	

c. Revise the subheading, *Statement of Practical Treatment* section to read **First Aid**.

d. Revise the **First Aid** statement to read as follows:

IF IN SWALLOWED: Call a Poison Control Center or Doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center or Doctor.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing. Call a poison control center or doctor for treatment advice.

e. Include the following statement near the **First Aid** section to read as follows:

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

d. Revise the Precautionary Statements section to read as follows:

PRECAUTIONARY STATEMENTS (HAZARDS TO HUMANS AND DOMESTIC ANIMALS): Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

e. Revise the Environmental Hazards section to read as follows:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 EPA.

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d. Add a Protective Personal Equipment section to read as follows:

PPE Requirements and Entry Restrictions

In poultry/livestock premises, preservative and pulp and paper mills, the PPE requirement for mixer/loader/applicators is:

Pesticide handlers must wear:

*Long-sleeved shirt and long pants

*Chemical-resistant gloves

*Shoes plus socks

When engaged in pouring this product,

A respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

For metal working fluids and cooling tower water uses, the PPE requirement for mixer/loader/applicators is:

Pesticide handlers must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves

Shoes plus socks

In poultry/livestock premises, post-application workers must observe the following use restriction on the labeling in the directions describing use as a disinfectant spray:

Entry by any person other than a correctly equipped handler is PROHIBITED in the entire enclosed building/structure from the start of application until aeration level of formaldehyde in the working area to less than 0.75 ppm. The air level concentration of formaldehyde must be measured before entry is permitted. (OSHA issued a final rule for the PEL for formaldehyde as 0.75 ppm, May 27th, 1992, Federal Register, 101.57, p. 22290).

The Confidential Statement of Formula dated September 28th, 1994, is acceptable.

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3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7505C)

TRIS NITRO[®] SOLID

INDUSTRIAL BACTERIOSTAT

ACTIVE INGREDIENT:	
2-Hydroxymethyl-2-nitro-1,3-propanediol	97.0%
INERT INGREDIENTS:	3.0%
TOTAL	100%

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HARMFUL IF SWALLOWED. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING.

HARMFUL IF INHALED.
REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration and get medical attention.

ANGUS Chemical Company assumes no responsibility when this product is not used in accordance with the instructions and information contained on this label.

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.

STORAGE AND DISPOSAL

STORAGE: TRIS NITRO SOLID decomposes in the presence of alkaline materials. Protect from vapors of ammonia and amines during handling and storage to prevent deterioration and release of formaldehyde.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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.

See Additional Precautionary Statements on Side Panel.

EPA Reg. No. 48301-33

EPA Est. No. 66453-0R-001

A-162C-1

Printed in U.S.A.

ANGUS

ANGUS Chemical Company
1500 E. Lake Cook Road
Buffalo Grove, IL 60089
Made in U.S.A.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
OCT 04 2000

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

48301-33

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DIRECTIONS FOR USE

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

USE IN PAINTS, EMULSIONS, AND THICKENER SOLUTIONS

TRIS NITRO SOLID is effective as a preservative in water-coating systems, such as latex paints, resin emulsions, and thickener solutions at a concentration of 0.2 to 1.0 lb per 100 gallons total formulation weight. The recommended rate for preservation of a latex paint is 0.2 to 0.4 lb per 100 gallons of the formulation. The recommended rate for preservation of resin emulsions and thickener solutions is approximately 0.4 lb per 100 gallons of the formulation.

USE IN METALWORKING FLUIDS

In Diluted Fluids: A concentration of 1000 to 2000 ppm of active TRIS NITRO in the fluid is sufficient to control gross bacterial growth. Add 1.27-2.54 lb TRIS NITRO SOLID per each 100 gallons of fluid.

Maintenance Dosage: Add 250 to 500 ppm of active TRIS NITRO weekly as required to maintain control of the system. The addition of 0.32 lb TRIS NITRO SOLID to each 100 gallons of fluid will provide a 250 ppm concentration.

In Concentrates: TRIS NITRO SOLID may be incorporated by the manufacturer in metalworking fluid concentrate. The higher levels required in such concentrates will be stable as long as the pH is maintained in the range of 6 to 8. Above such pH levels rapid deterioration of TRIS NITRO SOLID may result in the release of noticeable levels of formaldehyde. Long-term stability tests should be carried out by the manufacturer on his specific formulation to ensure that the concentrate does not contain ingredients incompatible with TRIS NITRO SOLID stability. The amount to be incorporated will depend on the dilution factor recommended to be used when the concentrate is diluted for use. For efficient bacteriostatic activity, a concentration of 1000 to 2000 ppm of active TRIS NITRO in the diluted fluid is suggested.

USE IN INDUSTRIAL RECIRCULATING WATER SYSTEMS

For control of bacteria in industrial cooling towers and evaporative condensers, treat the system with 5-1000 ppm of active TRIS NITRO.

Initial dose: When the system is noticeably fouled, add 4oz-5.08 lb TRIS NITRO SOLID per 1000 gallons of water in the system. Repeat until control is achieved. Badly fouled systems must be cleaned before initial treatment.

Subsequent dose: Add 1.3 oz-1.27 lb TRIS NITRO SOLID per 1000 gallons of water in the system as needed to maintain control.

USE IN OILFIELD WATER SYSTEMS

For controlling aerobic slime-forming bacteria (*Pseudomonas sp.*) and anaerobic sulfate-reducing bacteria (*Desulfotribrio desulfuricans*) in oilfield water systems, such as subsurface injection water, add 500-1000 ppm active TRIS NITRO depending on the severity of the contamination. Additions should be made with a metering pump at the free-water knockouts before or after injection pumps and injection well headers.

Continuous-feed method: If the system is noticeably fouled, add 500-1000 ppm active TRIS NITRO (406-812 lb TRIS NITRO SOLID per 2000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 500 ppm active TRIS NITRO (406 lb TRIS NITRO SOLID per 2000 barrels of water) continuously as needed to maintain control.

Intermittent or slug method: If the system is noticeably fouled, or to maintain control of the system, add 500-1000 ppm active TRIS NITRO (406-812 lb TRIS NITRO SOLID per 2000 barrels of water) intermittently for 2-8 hours per day on from 1-4 days per week, depending on the severity of contamination.

USE AS A PRESERVATIVE FOR PACKAGED EMULSIONS, SOLUTIONS, OR SUSPENSIONS SUCH AS DETERGENTS AND POLISHES CONTAINING WATER — Not for use in California.

For control of bacterial contamination add 500-1000 ppm of active TRIS NITRO (5.08-10.16 lb TRIS NITRO SOLID) per 1000 gallons of formulation.

USE IN DRILLING MUDS

For control of sulfate-reducing bacteria in water-based drilling muds, add 0.64-5.08 lb TRIS NITRO SOLID to 1000 gallons of drilling mud.

USE IN PULP AND PAPERMILL PROCESS WATER SYSTEMS — Not for use in California.

Do not use this product in any process which makes paper or paperboard that will come in contact with food or feed.

For control of bacterial growth in pulp, paper, and paperboard mills, add TRIS NITRO SOLID at the rate of 1.27-5.08 lb per ton of pulp or paper (dry basis). Addition may 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 TRIS NITRO SOLID in the mass of fiber and water, such as at the beaters, jordan inlet or discharge, broke chests, rumish chests, save-alls and white-water tanks.

Heavily fouled systems should be boiled out; then treat 5.08 lb TRIS NITRO SOLID per ton of paper (dry basis) as necessary for control.

Moderately fouled systems should be treated continuously with 1.27-5.08 lb TRIS NITRO SOLID per ton of paper (dry basis) on a continuous or intermittent basis as needed for control.

Slightly fouled systems should be treated continuously with 1.27 lb TRIS NITRO SOLID per ton of paper (dry basis) until control is achieved.

PRODUCT INCORPORATION

Addition of TRIS NITRO SOLID to each system is best accomplished by adding TRIS NITRO SOLID to any water to be incorporated into the formulation.

ANGUS CHEMICAL COMPANY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 2000

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

48301-33

A-162C-2