

Reg# 48301-17 OKAY sdh 8/14/96

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Instructions on reverse before completing form.

Form Approved: OMB No. 2070-0060. Approval expires 05-31-91.

United States  
Environmental Protection Agency  
Washington, DC 20460☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

244863

## Application for Pesticide - Section I

1. Company/Product Number 48301-17	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Trio Nitro 250%	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) ANOUS Chemical Company 1500 East Lake Road Buffalo Grove, IL 60089 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revision of Environmental Hazard Paragraph per P293-10  
Notification

NOTIFICATION

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 5 and 55 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Abigail Trueblood	Title Sr. Reg. Affairs Spec.	Telephone No. (Include Area Code) 847-215-8600
2. Signature Abigail Trueblood		3. Title Sr. Reg. Affairs Spec.
4. Typed Name Abigail Trueblood		5. Date June 14, 1996
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)

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# TRIS NITRO<sup>®</sup>

BRAND OF 25% AQUEOUS TRIS(HYDROXYMETHYL)NITROMETHANE  
INDUSTRIAL BACTERIOSTAT

## ACTIVE INGREDIENT:

2-Hydroxymethyl-2-nitro-1,3-propanediol . . . . . 25%

INERT INGREDIENTS: . . . . . 75%

TOTAL 100%

## PRECAUTIONARY STATEMENTS

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

## CAUTION!

**AVOID CONTACT WITH EYES.**

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

**HARMFUL IF INHALED. AVOID BREATHING SPRAY MIST.  
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

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

**PESTICIDE STORAGE:** Freezes at 60° C.

Store in a warm place.

TRIS NITRO 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 recondition 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 and in Technical Bulletin.

EPA Reg. No. 48301-17  
EPA Est. No. 48301-LA-1

A-92D-1  
Printed in U.S.A.

# ANGUS<sup>®</sup>

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

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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 METALWORKING

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 2-4 quarts of 25% aqueous TRIS NITRO 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 0.5 quart of 25% aqueous TRIS NITRO to each 100 gallons of fluid will provide a 250 ppm concentration.

In Concentrates: TRIS NITRO 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 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 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 RECIRCULATING WATER SYSTEMS

For control of bacteria in cooling towers, evaporative condensers, and closed recirculating water systems such as retort, rotary or hydrostatic heat sterilization processes used in the food industry. Treat the system with 5-1000 ppm of active TRIS NITRO.

Initial dose: When the system is noticeably fouled, add 12 oz.-2 gallon of 25% aqueous TRIS NITRO 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 4 oz.-2 quarts of 25% aqueous TRIS NITRO per 1000 gallons of water in the system as needed to maintain control. TRIS NITRO should be added at a convenient point which will provide uniform mixing.

### USE IN OILFIELD WATER SYSTEMS

For controlling aerobic slime-forming bacteria (*Pseudomonas sp.*) and anaerobic sulfate-reducing bacteria (*Desulfovibrio 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 (80-160 gallons of 25% aqueous TRIS NITRO per 1000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 500 ppm active TRIS NITRO (80 gallons of 25% aqueous TRIS NITRO per 1000 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 (80-160 gallons of 25% aqueous TRIS NITRO per 1000 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.

For control of bacterial contamination add 500-1000 ppm of active TRIS NITRO (2-4 gallons of 25% aqueous TRIS NITRO) per 1000 gallons of formulation.

### USE IN DRILLING MUDS

For control of sulfate-reducing bacteria in water-based drilling muds, add 1 quart-2 gallons of 25% aqueous TRIS NITRO to 1000 gallons of drilling mud.

ANGUS CHEMICAL COMPANY

A-92D-2

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