

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

The Dow Chemical Company  
1803 Building  
Midland, MI 48674

NOV 21 2006

Attention: Abigail Trueblood  
Regulatory Specialist

**Subject: TRIS NITRO Brand of Tris(hydroxymethyl)Nitromethane Solid**  
EPA Registration No. 464-679  
Notification Dated November 3, 2006

This will acknowledge receipt of your notification addition of the qualifier "Produced for" above the company name, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

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Print Form

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 464-679	2. EPA Product Manager M. Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TRIS NITRO Brand of Tris(hydroxymethyl)nitromethane Solid	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 1803 Building Midland, MI 48674  <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.)

Addition of the qualifier "Produced for" above the company name  
Please see attached sheet for additional information

### 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"/> Text <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input checked="" type="checkbox"/> Other (Specify) <u>Box</u>	
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 40 pounds		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 Regulatory Specialist	Telephone No. (Include Area Code) 847-808-3555
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)
2. Signature <i>Abigail Trueblood</i>	3. Title Regulatory Specialist	
4. Typed Name Abigail Trueblood	5. Date 11/2/06	



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November 3, 2006

The Dow Chemical Company  
1500 E. Lake Cook Road  
Buffalo Grove, IL 60089  
USA

Mr. Marshall Swindell/ PM33  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Office of Pesticide Programs  
Antimicrobials Division  
One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Re: Notification of Addition of Qualifier "Produced for"  
above Company Name  
**TRIS NITRO™ Brand of Tris(hydroxymethyl)  
Nitromethane Solid (EPA Reg. No. 464-679)**

Dear Mr. Swindell:

The Dow Chemical Company (Dow) seeks to notify USEPA of the following change to the product label for TRIS NITRO Brand of Tris(hydroxymethyl)Nitromethane:

- addition of qualifier "Produced for" above the company name

Enclosed are the following:

- EPA Form 8570-1, *Application for Registration* (with attached sheet)
- One copy of the proposed label with changes highlighted

If you have any questions concerning this submission, please contact me.

Sincerely,

Abigail Trueblood  
Regulatory Specialist  
[atrueblood@dow.com](mailto:atrueblood@dow.com)  
(847)-808-3555

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This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

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# TRIS NITRO™ SOLID

## INDUSTRIAL BACTERIOSTAT

### Active Ingredients:

2-Hydroxymethyl-2-nitro-1,3-propanediol	97.0%
Inert Ingredient(s)	3.0%
<b>Total</b>	<b>100.0%</b>

E.P.A. Registration No. 464-679  
 E.P.A. Est. \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### 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, using tobacco, or using the toilet

### 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.

Produced for:



**THE DOW CHEMICAL COMPANY**

Midland, Michigan 48674 U.S.A.  
 (989)636-4400

\* Trademark of THE DOW CHEMICAL COMPANY  
 77078-00144694-6/6/2003-1807

FIRST AID:	
IF IN EYES:	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first five minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center.</li> </ul>
IF ON SKIN:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment.</li> </ul>
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product	

### 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 any 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.

### DIRECTIONS FOR USE

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

### 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.

### USE IN PAINTS, EMULSIONS

TRIS NITRO SOLID is effective in latex paint systems, such as latex paint formulations at a concentration of 0.2 to 0.4 lb per formulation weight. The recommended rate for preservative thickener solutions is approximately 0.25 lb per formulation.

### USE IN METALWORKING

In Diluted Fluids: A concentration of TRIS NITRO in the fluid is sufficient to prevent bacterial growth. Add 1.27-2.54 lb TRIS NITRO per 100 lb of fluid.

Maintenance Dosage: Add weekly as required to maintain a concentration of 0.32 lb TRIS NITRO SOLID per 100 lb of fluid.

In Concentrates: TRIS NITRO manufacturer in metalworking fluids required in such concentrations maintained in the range of 6 to 12 ppm. Deterioration of TRIS NITRO noticeable levels of formaldehyde be carried out by the manufacturer. Ensure that the concentrate is incompatible with TRIS NITRO incorporated will depend on used when the concentrate bacteriostatic activity, a concentration of TRIS NITRO in the diluted fluid.

**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 (*Desulfovibrio desulfuricans*) in oilfield water systems, such as subsurface injection water, add 500-1000 ppm active TRIS NITRO depending on the severity of 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, furnish chests, save-alls and white-water tanks.

Heavily fouled systems should be boiled out; then treat 5.08 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.