

464-663

12-08-2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

The Dow Chemical Company
1803 Building
Midland, MI 48674

DEC 08 2011

Attention: Abigail Trueblood
Senior Regulatory Specialist

Subject: Amendment to clarify uses – Tris Nitro Brand of 50% Aqueous Tris
(Hydroxymethyl) Nitromethane
EPA Reg. No. 464-663
Amendment Application dated November 14, 2011

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. The Agency approves the following changes made to the label:

- Under the new heading “Use in Oil and Gas Production”, add the following subheadings:
 - “Water Floods”, “Fracturing Fluids”, “Drilling, Completion, and Workover Fluids”, “Packer Fluids”, “Injection Fluids”, “Well Squeeze Fluids”, “Produced Water”.
- Lowering the use rates from 500-1000 ppm active ingredient to 50-700 ppm active ingredient.

A stamped copy of the accepted labeling is enclosed. Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling. If you have any questions concerning this letter, please contact Abigail Downs at (703) 305-5259.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell".

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

TRIS NITRO 50% EU
 Master Label
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TRIS NITRO™

Brand of 50% Aqueous Tris(hydroxymethyl) Nitromethane Industrial Bacteriostat

Active Ingredient: 2-Hydroxymethyl-2-nitro-1,3-propanediol 51.50%
 Inert Ingredients 48.50%
 Total 100%

E.P.A. Registration No. 464-663
 E.P.A. Est. XXXX-XX-X

DEC 08 2011
 Under the Federal Insecticide, Fungicide, and
 Rodenticide Act, as amended, for the
 pesticide, registered under
 EPA Reg. No. 464-663

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED :	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eyes 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 eyes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (989) 636-4400.	

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN OR INHALED. CAUSES MODERATE EYE IRRITATION.
 Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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

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notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plan authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

STORAGE: Freezes at 60° F. Store in a warm place.

This product decomposes in the presence of alkaline materials. Protect from vapors of ammonia and amines during the 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 any approved waste disposal facility.

CONTAINER DISPOSAL:

Nonrefillable Container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. 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 the labeling.

USE IN OIL AND GAS PRODUCTION

WATER FLOODS

Add this product to a water flood system at a point of uniform mixing. Add 7-98 gallons of this product per 2000 barrels of water (50-700 ppm active ingredient) to the system weekly, or as needed to maintain control.

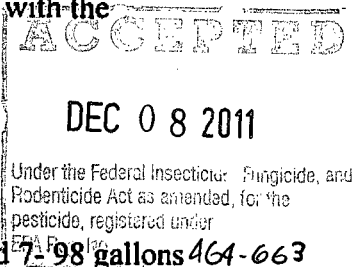
FRACTURING FLUIDS

This product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add product to the fracturing water storage tanks or directly into the well head injection pipeline as the water is being pumped downhole.

Dose Range: Add 7-98 gallons of this product per 2000 barrels of water (50-700 ppm active ingredient) depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUIDS

Add this product to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.



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Initial treatment: Add 7- 98 gallons per 2000 barrels of water (50-700 ppm active ingredient) of this product to a freshly prepared fluid depending on the severity of contamination.

Maintenance dosage: Maintain a concentration of 50-700 ppm active ingredient as needed, depending on the severity of contamination.

PACKER FLUIDS

Add this product to a packer fluid at a point of uniform mixing.

Add 7- 98 gallons of this product per 2000 barrels of water (50-700 ppm active ingredient) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

INJECTION FLUIDS

For the control of contamination and corrosion from bacterial sources in fluids/waste fluids that are disposed of through injection into an approved well following approved guidelines, add this product in each volume of fluid prior to injection.

Frequency and Dose: Add 7-98 gallons of this product per 2000 barrels of water (50-700 ppm active ingredient) based on the water percent of the injection fluid.

WELL SQUEEZE FLUIDS

For the effective control of aerobic and anaerobic bacteria in squeeze fluids and downhole well bore areas, add this product during pre-mixing of the well squeeze fluid or (in the case of direct mix injection systems) an aqueous solution may be added by direct injection at the well head during the well squeeze procedure.

Frequency and Dose: Use this product for each well squeeze operation to ensure best results. Add 7-98 gallons of this product per 2000 barrels of water (50-700 ppm), depending on the quality of the makeup water.

PRODUCED WATER

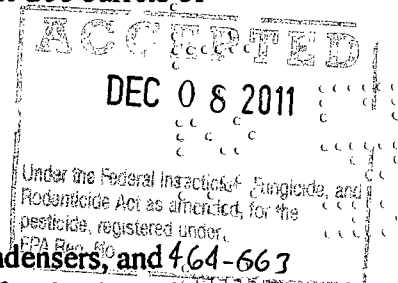
To inhibit the growth of slime -forming or corrosion -inducing sulfate-reducing bacteria in formation water produced by wells together with oil or gas, inject this product into the water -containing oil or gas stream at any convenient point. Inject as slug doses, not as a continuous feed.

Frequency and Dose: Depending on severity and rapidity of contamination, slug-dose this product from once a week to once a month at the rate of 7-98 barrels per 200 barrels of water (98-700 ppm).

NOT APPROVED FOR USE IN CALIFORNIA

USE IN RECIRCULATING WATER SYSTEMS

For control of bacteria in industrial cooling towers and evaporative condensers, closed recirculating water systems treat the system with 5-1000 ppm of active ingredient.



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