



A NON-OXIDIZING MICROBICIDE, BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE USED IN TREATING WATER FOR ENHANCED OIL & GAS AND SECONDARY OIL AND GAS RECOVERY SYSTEMS AND OILFIELD AND PETROCHEMICAL SYSTEMS

**ACTIVE INGREDIENT:**

2,2-dibromo-3-nitropropionamide. . . . . 95.6%

**INERT INGREDIENTS.** . . . . . 4.4%

TOTAL. . . . . 100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See side panels for additional precautionary statements

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<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 advice</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call 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 do so by the poison control center or doctor</li> <li>Do not give anything by mouth to an unconscious person</li> </ul>
<b>If inhaled</b>	<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 by mouth-to-mouth, if possible</li> <li>Call a poison control center or doctor for further treatment advice</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. <b>YOU MAY ALSO CONTACT 1-800-420-9236 FOR EMERGENCY MEDICAL TREATMENT INFORMATION</b>	
<b>NOTE TO PHYSICIAN</b>	
"Probable mucosal damage may contraindicate the use of gastric lavage."	

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN BURNS. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.**

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Coveralls worn over long sleeved shirt and long pants
- Chemical resistant footwear plus socks
- Goggles (required) with or without face shield
- Chemical resistant gloves (such as barrier laminate, neoprene rubber, nitrile rubber, or PVC)
- Chemical resistant apron (for mixing/loading)
- Particle mask covering nose and mouth

**APPLICATION RESTRICTIONS:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**ENGINEERING CONTROLS:** When handlers are using closed metering systems the handler requirements may be reduced or modified to long-sleeved shirt, long pants, shoes and socks.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY INSTRUCTIONS:** Users must wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. User must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of waste. 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**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** To maintain product quality, store at temperatures below 95°F (35°C). Keep container tightly closed when not in use. Do not remove product from container except for immediate use. Do not store with foods, feeds, drugs, or clothing.

[Do not allow water soluble packaging to become wet during storage. Do not handle water soluble packaging with wet hands or wet gloves. Do not remove from container except for immediate use. Do not remove product from water soluble packaging.]

**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 at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not use this container to hold materials other than pesticides or dilute pesticides (rinsate). Clean container promptly after emptying. Offer for recycling if available or puncture and dispose in a sanitary landfill. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Contact your state regulatory agency to determine allowable practices in your state.

**DIRECTIONS FOR USE**

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

**DIRECTIONS FOR USE IN ENHANCED AND SECONDARY OIL & GAS RECOVERY:**

Add this product at any point in the system where uniform mixing can occur. Being a slow release granular biocide, it is important to add the product with equipment capable of feeding this product flow proportionally to the total flow of fluid being injected into the formation.

**CONTINUOUS DOSING METHOD:** For controlling slime-forming, sulfide and acid-producing bacteria, yeasts, and fungi in oil and gas field water, polymer or micellar floods or other oil and gas field water systems, add 10-75 ppm of this product (4-32 pounds) per 1,000 barrels of water depending on the severity of the contamination.

**INTERMITTENT OR SLUG DOSE METHOD:** When the system is noticeably fouled, add 38-190 ppm active DBNPA (15-75 pounds) per each 1,000 barrels of water intermittently for 4-8 hours per day and from 2-4 times per week, or as needed depending on the severity of the contamination. Adjust the amount of this product used as the microbiological condition improves.

**NOTE:** For control of bacteria, yeast, and fungi in aqueous solutions of biopolymer used in flooding operations, add 15-75 ppm active DBNPA (6-32 pounds) per 1,000 barrels of water. Add anywhere upstream or directly to the chemical feed hopper containing the slickwater additives, biopolymer gel and proppant prior to injection into the formation. Uniform addition to the downhole fluid mixture will insure consistent results.

*\*The active ingredients will slowly be released over a period of ~4-7 days under most conditions. Therefore the ppm's given above are based on the total actives released over this time frame.*

**FOR RECIRCULATING COOLING WATER AND EVAPORATIVE COOLERS:**

**NOTE:** Badly fouled systems must be pre-cleaned by following manufacturer's product instructions before treatment is begun. Direct contact of this product with a metal surface in the cooling system will cause local corrosion. This product is best used in the basin of the cooling system in an area with little turbulence. Avoid placing this product in direct sunlight. This product may be placed in a flow-through feeder through which cooling water or make-up water is directed. To control bacteria, fungi, and algae in clean to moderately contaminated systems, add 100 g of this product per 500-1,000 gallons of water in the system. Heavily contaminated systems may require 200 g of this product per 500-1,000 gallons of water in the system.

**COOLING PONDS, LINED RESERVOIRS AND DECORATIVE FOUNTAINS:**

(Not for use in California) This product may be applied at the lined reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. To control bacteria, fungi, and algae in clean to moderately contaminated systems, add 100 g of this product per 500-1,000 gallons of water in the system. Heavily contaminated systems may require 200 g of this product per 500-1,000 gallons of water in the system.

**NON-POTABLE WATER REVERSE OSMOSIS SYSTEMS:** This product may be used to control bacteria and reduce biofouling in industrial membrane systems, including UF and NF systems. Acceptable applications include boiler feedwater, wastewater, electronics and industrial membrane systems. Add 100 g of this product per 500-1,000 gallons of water. When the system is noticeably fouled, add 200 g of this product per 500-1,000 gallons of water in the system.

**TREATING METAL WORKING FLUIDS:** This product is an effective antimicrobial treatment for metal working and lubricating fluids that are water soluble. The point of addition of this product is recommended at the fluid collection tank. Add 100 g of this product per 500-1,000 gallons of water. When the system is noticeably fouled, add 200 g of this product per 500-1,000 gallons of water in the system.

**MANUFACTURED BY:**

Enviro Tech Chemical Services, Inc.  
500 Winmoore Way, Modesto, CA 95358  
(209) 581-9576

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NET CONTENTS: 35 LBS

Label code: 044- EB-G V4a