DBNPA 100 POWDER

Active ingredient(s): 2,2-Dibromo-3-nitropropionamide...97.6%
Inert ingredient(s): .......................... 2.4%
Total: ......................................... 100%
E.P.A. Registration No. 464-389
E.P.A. Est. No. 37420-QA-2

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS
DANGER
CORROSIVE • CAUSES IRREVERSIBLE EYE DAMAGE • MAY BE FATAL IF SWALLOWED • CAUSES SKIN IRRITATION • HARMFUL IF ABSORBED THROUGH SKIN

Do Not Get In Eyes, On Skin, Or On Clothing - Chemical Worker's Goggles Must Be Worn When Handling - Wash Thoroughly With Soap And Water After Handling - Remove Contaminated Clothing And Wash Before Reuse - Avoid Breathing Dust - Use With Adequate Ventilation

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic organisms. 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PESTICIDE STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: To maintain product quality, store at temperatures below 60°F. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. Produced for:

THE DOW CHEMICAL COMPANY
Midland, Michigan 48674 U.S.A.

**Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow
Made in China: 53392-0192007-2173

FIRST AID:

IF IN EYES: • Hold eye open and rinse slowly and gently with water for 30 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: • Take off contaminated clothing.

IF SWALLOWED: • Call poison control center or doctor for treatment advice.

IF INHALED: • Remove person to fresh air.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (899)393-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal Law. 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 Disposal: Do not reuse empty container. Dispose of container 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.

NOTE: ADD SOLUTIONS OF DBNPA 100 POWDER SEPARATELY TO THE SYSTEM. DO NOT MIX THEM WITH OTHER ADDITIVES.

PAPER MILLS
For the control of bacterial, fungal, and yeast growths in pulp, paper, and paperboard mills, add a solution of DBNPA 100 POWDER at the rate of 0.01-0.1 lb. DBNPA 100 POWDER/lbn 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 assure uniform distribution of DBNPA 100 POWDER in the mass of fiber and water, such as a feed mixer, belt filter, or batch digesters, furnish chests, save-alls, and white-water tanks.

HEAVILY FOULED SYSTEMS should be treated in two stages. First, treat with 0.005-0.04 lb. DBNPA 100 POWDER/lbn of water (dry basis) until slime is controlled, then add on an intermittent basis to maintain control.

COOLING TOWERS
For control of bacterial growth in cooling towers, add solutions of DBNPA 100 POWDER to the basin (or at any other point of uniform mixing). Add 0.002-0.05 lb. DBNPA 100 POWDER/lbn of water in the system, depending on the severity of contamination. Addition should be made with a metering pump, it may be continuous or intermittent, depending upon the severity of the contamination when treatment is begun, and the retention time in the system.

INTERMITTENT or SLUG METHOD
INITIAL DOSE: When the system is noticeably fouled, add 0.05-0.2 lb. DBNPA 100 POWDER/lbn of water in the system every 4 days, or as needed to maintain control.

BADLY FOULED SYSTEMS must be cleaned before treatment.

CONTINUOUS FEED METHOD
INITIAL DOSE: When the system is noticeably fouled, add 0.01-0.02 lb. DBNPA 100 POWDER/lbn of water in the system. Subsequently, maintain this treatment level by pumping a continuous feed of 0.001-0.01 lb. DBNPA 100 POWDER/lbn of water lost by blowdown.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun. Optimum performance with this product is attained by continuous or intermittent treatment. If "blowdown" treatment is used, the blowdown should be discontinued for 24-48 hours.

FRACTIONING FLUIDS
DBNPA 100 POWDER reduces bacterial contamination and degradation of fractioning fluids and oils used in oil and gas well stimulations. DBNPA 100 POWDER should be added to the water storage tanks before gelling and circulation to ensure mixing. DBNPA 100 POWDER can be pre-disolved in hot water and added at the well head for "in-the-fly" fractioning jobs. Use all pre-dissolved fluid within 24 hours. Frequency and Dose: DBNPA 100 POWDER should be added at a rate of 10 to 50 ppm (0.05-0.45 lb./1,000 gallons) depending on water quality. Repeat every 6 to 12 hours if the frac job is delayed.

EMERGENCY WATER RECOVERY (EDR) FLUIDS
DBNPA 100 POWDER reduces bacteria contamination and degradation of EDR polymers and gels. DBNPA 100 POWDER should be added to EDR injection water before polymer addition. Frequency and Dose: DBNPA 100 POWDER should be added at a rate of 5 to 25 ppm (0.05-0.45 lb./1,000 gallons) of dry DBNPA 100 POWDER. DBNPA 100 POWDER should be added at a point to ensure proper dissolution and mixing.

WATERFLOOD
DBNPA 100 POWDER can be used to control slime and corrosion causing bacteria in waters used for secondary oil and gas recovery. DBNPA 100 POWDER can be added as a dry product or pre-disolved in water. Use all pre-disolved fluid within 24 hours. If the system is heavily fouled, slug treat at the higher rate to remove the slime. For maintenance, batch treat two to three times per week. Frequency and Dose: DBNPA 100 POWDER should be added at a rate of 2 to 10 ppm (0.05-0.45 lb./1,000 gallons) of dry DBNPA 100 POWDER. DBNPA 100 POWDER should be added at a point to ensure proper dissolution and mixing.

TOXIC SOLID, ORGANIC, N.O.S.
(2,2-DIBROMO-3-NITROPROPIONAMIDE)

UN2811
Apply Skull and Crossbones