**BIOBAN™ DB-20 Antimicrobial**

Controls bacteria, fungi and yeasts in metalworking fluids containing water.

**FOR INDUSTRIAL USE ONLY**

Active Ingredient(s): 2,2-Dibromo-3-nitropropanamide ........20%  
Inert Ingredient(s): ........................................80%  
Total .........................................................100%

E.P.A. Registration No. 464-426  
E.P.A. Est. No. 83434-IL-001

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

PRESERVATIONARY STATEMENTS  
Hazard to Humans and Domestic Animals  
DANGER  
CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS. DO NOT GET IN EYES OR ON CLOTHING. MAY CAUSE LOSS OF VISION. FATAL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING VAPOR. WEAR GOGGLES OR FACE SHIELD (SAFETY GLASSES). WEAR PROTECTIVE CLOTHING (LONG-SLEEVE SHIRT AND LONG PANTS. SOCKS PLUS SHOES AND CHEMICAL RESISTANT GLOVES SUCH AS WATEROOF GLOVES). WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, OR USING TOBACCO. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Produced for:  

The Dow Chemical Company  
Midland, Michigan 48674 U.S.A.  
(800)963-4400

**ENVIRONMENTAL HAZARDS**  
This pesticide is toxic to fish and aquatic organisms. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment, or disposal of wastes. **NOTE:** 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 Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

Storage: To maintain product quality, store at temperatures below 60°F. Keep container tightly closed when not in use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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 Disposal: Do not reuse empty container. 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.

**NOTE:** Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

**DIRECTIONS FOR USE**

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

**NOTE:** ADD BIOBAN DB-20 Antimicrobial SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF BIOBAN DB-20 Antimicrobial DUE TO THE HIGH pH OF MANY ADDITIVE FORMULATIONS.

**METALWORKING FLUIDS CONTAINING WATER**

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100-1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add BIOBAN DB-20 Antimicrobial to the fluid in the collection tank. Additions should be made with a metering pump.

**INITIAL OR SLUG DOSE:** When the system is just noticeably fouled, add 0.25 gal BIOBAN DB-20 Antimicrobial per 1,000 gal of metalworking fluid to the system. Repeat until control is achieved.  
**SUBSEQUENT DOSE:** When microbial control is evident, add 0.1-0.2 gal BIOBAN DB-20 Antimicrobial per 1,000 gal of metalworking fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.  

Notice: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use. The WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.