DIRECTIONS FOR USE

METALWORKING FLUIDS
For use in soluble oils, semi-synthetic and synthetic fluids. Add directly to the sump (with agitation) and allow the system to circulate for about one hour before shutting down.

In diluted fluids add 50 to 210 ml/metric cubic meter or 0.52 to 2.1 gal/million gallons (250-1000 ppm active) to control microbial growth. For maintenance add 210 to 842 ml/metric cubic meter or 0.21 to 0.8 gallon/1000 gallons (100-400 ppm active ingredient) on a weekly basis preferably in the afternoon before shutdown. The frequency may be increased where significant contamination is identified.

BIOBAN BP® Preservative may be incorporated in metalworking fluid concentrate by the manufacturer who should ensure that any added preservative will not affect efficacy.

ADHERSES
For control of microbial contamination, add 0.25 to 2.5 lb of BIOBAN BP® Preservative per 1000 lb total formulation weight. The addition is best accomplished by adding the product to any water to be incorporated into the formulation.

ABSORBTION CLAYS, CORN COBS, AND GROUND WOOD
Impregnate absorbent clays, corn cobs, or ground wood with BIOBAN BP® Preservative to inhibit the growth of odor-causing bacteria. The suggested application rate is 62.500 ppm (0.08-0.6 oz per 100 pounds absorbent material).

PAINTS, WATER BASED COATING APPLICATION TANKS AND LATEX
Impregnate based suspension concentrates, BIOBAN BP® Preservative at any convenient point during the manufacturing process. Ideally, it should be added as a final step after any heating stage and when the product has cooled to below 40°C. To control bacterial spoilage during the use of latex solutions, BIOBAN BP® Preservative should be shocked-dosed at a suitable point in the four reservoir where there is adequate flow or turbulence to ensure quick mixing. BIOBAN BP® Preservative may be shocked-dosed once or twice weekly as a normal routine. Where conditions indicate, more frequent shock-dosing should be considered.

In-Can Preservation: BIOBAN BP® Preservative should be dosed at 200 to 1000 ppm based on the final formulation volume (1.6 to 8 pt./1000 gallons).

Faunt Solutions: BIOBAN BP® Preservative should be shocked-dosed at between 40 and 200 ppm (0.32 to 1.6 pt./1000 gallons) depending on the contamination levels in the four reservoirs.

STARCH, PIGMENT AND EXTENDER SLURRIES
Not registered for this use in the State of California

To inhibit the growth of spoilage bacteria during the manufacture, storage and use of water-based printing inks and fount solutions. For in-can preservation, add BIOBAN BP® Preservative at any convenient point during the manufacturing process. Ideally, it should be added as a final step after any heating stage and when the product has cooled to below 40°C. To control bacterial spoilage during the use of ink solutions, BIOBAN BP® Preservative should be shocked-dosed at a suitable point in the four reservoir where there is adequate flow or turbulence to ensure quick mixing. BIOBAN BP® Preservative may be shocked-dosed once or twice weekly as a normal routine. Where conditions indicate, more frequent shock-dosing should be considered.

RECOMMENDED DOSES EXPRESSED AS PPM ARE PPM FORMULATION.