



**COOLANT
CONTROL^{INC.}**

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...the right solution

Product Bulletin

BIO/TEC 095

Fungicide

Description

BIO/TEC 095 is an EPA registered industrial fungicide for use as directed in the approved EPA label in coatings, paints, building materials, wallpaper pastes and adhesives, aqueous adhesives and tackifiers, leather, hides, metalworking fluids, fabric surfaces, vinyl, plastics, emulsions, hydraulic fluids, textiles, laundry, cooling tower water, caulking compounds, polymers and polyurethane, and air washer systems.

Active Ingredients	<u>%wt/wt</u>
2-n-octyl-4-isothiazolin-3-one	45 min

Inert Ingredients	
Propylene Glycol	55 max

Recommended Applications

BIO/TEC 095 may be used for tank side treatment of metalworking fluid systems. The guideline for maintenance of a non-fouled system is to use **BIO/TEC 095** fungicide at a rate of 2-10 fluid ounces per 1,000 gallons of fluid every four weeks. Monitor the system to confirm that microbial control is being maintained.

For contaminated systems, use an initial dose of 21 fluid ounces per 1,000 gallons of fluid. Continue to dose at this level of **BIO/TEC 095** until control has been regained as determined by microbial testing of the fluid. A higher dosage rate and/ or frequency may be required, depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

Years of use of the **BIO/TEC 095** isothiazolone for tank side treatment of metalworking systems has shown that shock dosing a contaminated system with 1 gallon of **BIO/TEC 095** to 6,000 gallons of metalworking fluid has demonstrated optimum performance. Maintaining a system by monitoring the level of fungal contamination by various detection methods and adding **BIO/TEC 095** at a rate of 1 gallon per 6,000 gallons of fluid when fungal contamination appears will optimize the use of **BIO/TEC 095** and should prevent the build up of fungal deposits in the system.

Typical Characteristics

Appearance	Clear light yellow liquid
Odor	Mild
Specific Gravity @ 25 °C	1.03