



## TECH BAN 2003

### BROAD SPECTRUM MICROBIOCIDES

Description	<p><b>Tech Ban 2003</b> is a liquid microbiocide for controlling microorganisms in industrial and commercial cooling systems, process waters, and hot water heating systems. <b>Tech Ban 2003</b> should be fed at a 6-36 PPM rate, depending upon microbial loading. The application to cooling towers is recommended at one to three times per week, based upon an efficient utilization, microbial, and nutrient load. The effectiveness and dosages can be adjusted according to results from cultures, biocide efficacy tests, and microbiological by-products. This product as with most microbiocides can be greatly enhanced and made especially effective upon the addition a dispersant such as <b>Chem-Tech Dispersant 1252</b>. <b>Tech Ban 2003</b> is an effective microbial control for closed hot water and chill water systems as 12-16 oz. per 1000 gallons of system water. (90-120 PPM) Here as with the cooling tower application, the product effectiveness or need will be based upon culture testing.</p>
FDA Compliance	Not to be used in food contact.
Product Data	<p><b>DENSITY:</b> 1.22 g/mL  <b>BOILING POINT:</b> 212 F  <b>pH:</b> 6-7 (100 ppm in water)  <b>SOLUBILITY IN WATER:</b> Dispersible  <b>APPEARANCE AND ODOR:</b> Clear amber liquid, slight odor</p>
Dosage	The most effective and economical dosage of this product will be determined by a <b>Chem-Tech</b> representative after a thorough analysis of the cooling tower system. Dosage rates will vary based on system demands.
Safety & Handling	Please refer to the MSDS before using or handling any product. In case of emergency contact Chem-Tel 24 hours a day at 1-800-255-3924.
Storage	Product should be protected from extremes in temperature. Store between 50-104 degrees F. Keep this and all chemicals away from flames and do not smoke or weld near container. <b>PROTECT THIS PRODUCT FROM FREEZING</b>

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