



**Isothiazolin
COOLING WATER BIOCIDES**

DESCRIPTION AND USE

Isothiazolin is an excellent slimicide for use in recirculating cooling water systems. The product is effective over a wide pH range against a wide range of slime forming bacteria typically found in these systems.

CHEMICAL FEEDING AND CONTROL

Isothiazolin is normally shot fed to the system to be treated one (1) to three (3) times per week or as required to maintain control. Often, alternating the material with another type of biocide, either oxidizing or non-oxidizing, will enhance the performance of both materials. The product should be added to the system at a point where rapid mixing will occur.

Isothiazolin is typically required at the rate of 8 - 16 fl. ozs./1000 gallons water (0.9-1.8 ppm actives) in the system to be treated. Since there is no reliable field test to check the concentration of the product in the system, system volume should be determined prior to application to assure proper additions are made. For systems which have become noticeably fouled, the dosage may be increased to 2.8 fl. ozs. (5 ppm actives) until the condition is brought under control. Badly fouled systems should be cleaned prior to treatment.

COMPOSITION

Active Ingredient:

5-Chloro-2-methyl-4-isothiazoline-3-one.....	1.11%
2-Methyl-4-isothiazoline-3-one.....	0.39%
Inert Ingredients:	<u>98.50%</u>
TOTAL:	100.00%

SAFETY AND HANDLING

Isothiazolin is harmful or fatal if swallowed or absorbed through the skin. DO NOT TAKE INTERNALLY. If ingested, drink several glasses of water and induce vomiting. GET IMMEDIATE MEDICAL ATTENTION. Contact with eyes causes severe irritation or burns. If eyes are contacted, immediately flush with clear water for 15 minutes and then get medical attention. Product can be absorbed through the skin and can be fatal. If skin is contacted, immediately wash with soap and water. Change and launder contaminated clothing before reuse. The use of goggles or face shield and rubber gloves when handling this product is recommended. For more information, consult the Material Safety Data Sheet provided with this product.

PACKAGING

Isothiazolin is packaged in 55, 30 and 15 gallon, non-returnable plastic drums. Other packaging available by request.