

ZI-CHEM 2410

Cooling Water Microbiological Control

HIGHLIGHTS

ZI-CHEM 2410 is a highly effective micro-biocide for controlling bacteria and slime in many industrial applications.

This includes such systems as air washers, industrial scrubbing systems, reverse osmosis recirculating cooling, heat transfer systems, process water, food processing applications including pasteurizers and bottle warmers, sugar mill processes, water based coatings, pulp and paper process, lubricants and metal working fluids, reverse osmosis membranes and wastewater including sludge holding tanks.

Many organisms are effectively controlled including slime-forming bacteria, sulphate reducing bacteria, fungi, yeast, and algae.

TYPICAL PROPERTIES

- Appearance: Clear colorless to yellow liquid
- Specific gravity: 1.1 – 1.3
- pH (neat) 5.0 – 6.0
- Odour Little or no odour
- Flash point None

PRIMARY APPLICATIONS

The desired dose rate of ZI-CHEM 2410 will depend on the specific application and a number of factors including microbiological contamination, degree of fouling, volume and makeup capacity of the system being treated and associated retention time. Actual dose will depend on the conditions and the results required. Specific recommendations will be provided by your ZI-TECHASIA technical representative.

FEEDING & CONTROL

Intermittent or slug dosing can be achieved by adding ZI-CHEM 2410 at a rate of 10 – 20 mg/L based on system volume for initial dose, and 5 – 10mg/L for subsequent slug doses.. A corrosion resistant chemical metering pump will provide best results.

THE BENEFITS

- Improved heat transfer capacity
- Extended equipment life
- Prevent water borne life taking diseases such as legionella disease
- Avoid unscheduled downtime

COMMON APPLICATIONS

- Automotive industries
- Packaging facilities
- Power generating facility
- Pulp & Paper processing
- Petrochemical plant
- Geothermal plant

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC's or in bulk

HANDLING & SAFETY

ZI-TECHASIA maintains a database of safety data sheets (SDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.

