

ZI-CHEM 25B0

Cooling Water Microbiological Control

HIGHLIGHTS

ZI-CHEM 25B0 is a broad spectrum, non-halogen based biocide. ZI-CHEM 25B0 has strong bactericidal properties under a wide range of pH, temperatures and suspended solids concentrations. It is also capable to eradicate algae at low concentration. It does not form any chlorinated compounds. If discharged into an effluent stream, it rapidly decomposes into water, oxygen and acetic acid, which is readily biodegradable

ZI-CHEM 25B0 has a wide range of uses in many applications. It is well established as an effective, safe chemical for below applications:

- Clean in place application
- Food processing
- Winereis, vineyard and beverage plants
- Dairy products production facilities
- Controlling microbial growth in cooling tower

TYPICAL PROPERTIES

- | | |
|---------------------|------------------------------|
| • Odor | Pungent. Sharp. Vinegar-like |
| • Specific gravity: | 1.10 – 1.20 |
| • pH | <1.0 |
| • Melting point: | -28 °C |

PRIMARY APPLICATIONS

ZI-CHEM 25B0 should be fed directly from the container it is supplied in using a chemical metering pump with liquid end constructed of suitable materials. These include PVC, polypropylene, Viton, Teflon.

FEEDING & CONTROL

The dosage will depend on the operating conditions and the chemistry of the water being treated. Your ZI-TECHASIA technical field specialist will recommend the most appropriate dosage for your particular application on an ongoing basis.

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
- Petrochemical plant
- Pulp & Paper processing
- Geothermal plant

PACKAGING

- 35kg pails
- 300kg drums
- 1,200kg IBC's or in bulk

HANDLING & SAFETY

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

