

ZI-CHEM 6310

Membrane Maintenance Microbiological Control

HIGHLIGHTS

ZI-CHEM 6310 is a highly effective micro-biocide for controlling bacteria in many industrial applications. This includes membranes air washers, industrial scrubbing systems, 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 colourless liquid
- Specific gravity: 1.0 – 1.2
- pH (1%) 3.0 – 4.0
- Freeze point: -17°C
- Flash point: > 100°C

PRIMARY APPLICATIONS

The desired dose rate of ZI-CHEM 6310 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 6310 at a rate of 25 – 100 mg/L based on system volume for initial dose, and 25 – 50mg/L for subsequent slug doses. A corrosion resistant chemical metering pump will provide best results.

THE BENEFITS

- Compatible with most membrane types
- Broad spectrum of activity
- Increased permeate production
- Longer membrane life
- Reduced cleaning frequency

COMMON APPLICATIONS

- BWRO Plant
- SWRO Plant

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg 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.

