

ZI-CHEM 2810 Cooling Water Foam Control

HIGHLIGHTS

ZI-CHEM 2810 foam control agent is an economical defoamer product. It is used in a wide range of aqueous processing operations.

ZI-CHEM 2810 is based on a blend of silicone components that have been selected to address foaming problems that are caused by a wide range of contaminants and operational conditions. This includes recirculating cooling towers, effluent systems, chemical cleaning operations and other industrial processes.

ZI-CHEM 2810 functions rapidly by reducing surface tension, and dissipating air that is trapped in foam bubbles. ZI-CHEM 2810 is also extremely effective in destabilizing micro-foam (fine bubbles) and it possesses excellent persistence in maintaining on going foam control.

TYPICAL PROPERTIES

- Appearance: White milky liquid
- Specific gravity: 0.9 – 1.1
- pH (neat) 5.0 – 8.0
- Viscosity 150 – 500 cPs
- Boiling point: 100 °C

PRIMARY APPLICATIONS

ZI-CHEM 2810 is easily incorporated into aqueous systems. In effluent streams, the dosage varies between 1 and 50 mg/L. In industrial water reticulation systems, the suggested dosing range is 0.5 and 15 mg/L. For chemical cleaning operations, the rate can vary from 1.0 – 50 mg/L.

Your ZI-TECHASIA field representative will determine the most suitable program for your specific application requirements.

FEEDING & CONTROL

ZI-CHEM 2810 can be either fed continually or slug dosed periodically to recirculating or once through water systems. It is best to be dosed neat to the fluid stream at a location which will facilitate good mixing and distribution. Optimum results can be achieved if addition point is just upstream of critical areas.

THE BENEFITS

- Ensure continuous cooling system operation
- Eliminates possibility of damages in equipment
- Avoid unscheduled downtime

COMMON APPLICATIONS

- Automotive industries
- Packaging facilities
- Power generation facility
- Tire & Rubber manufacturing
- Cement Manufacturing
- Petrochemical 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.

