

ZI-CHEM 5820 Antifoam

HIGHLIGHTS

ZI-CHEM 5820 is an aqueous solution of surface active compounds, which acts as a highly effective anti-foam in water systems including concentrate thickeners, concentrate tank, leaching tank and other similar application.

ZI-CHEM 5820 provides quick and effective foam suppression, reduce froth carryover at surface thickeners, improve underflow density concentrate thickener, prevent pump cavitation and increased pump flow capacity.

TYPICAL PROPERTIES

- Appearance: White milky liquid
- Specific gravity: 1.0 – 1.2
- pH : 9.0 – 10.5
- Solubility in water: Dilutable

PRIMARY APPLICATIONS

The desired dose rate of ZI-CHEM 5820 will depend on the degree of foaming. Light foaming can be easily controlled at 5 – 10 mg/L, while in extreme circumstances, up to 100mg/L may be required.

In case where the dosing equipment is not very accurate or very low dose rates are sufficient, apply ZI-CHEM 5820 as 10% solution. With precise dosing, we recommend the use of higher concentration.

FEEDING & CONTROL

ZI-CHEM 5820 should be diluted in a site mixing tank with raw water then injected to the system using a chemical metering pump with liquid end constructed of suitable materials. These include PVC, polypropylene, Viton, Teflon and stainless steel.

Your ZI-CHEM technical field specialist will recommend the most appropriate dosage for your particular application on an ongoing basis.

THE BENEFITS

- Increased steam production & quality
- Reduced total fuel cost
- Suitable for food industries
- Easy handling due to its liquid form

COMMON APPLICATIONS

- Thickener
- Leaching tank
- Concentrate tank

PACKAGING

- 200 kg Drums
- 1100 kg IBC Tanks

HANDLING & SAFETY

ZI-CHEM 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. offer detailed site surveys to review your situation

