

ZI-CHEM 7710

Clarification Control of pH

HIGHLIGHTS

ZI-CHEM 7710 liquid is a solution of pure alkali. It is used to raise the pH of raw water and waste water before or after clarification process.

If used before clarification, it can enhance the performance of coagulants and flocculants.

If used after clarification, it is designed to ensure that the pH of treated water complies with regulatory requirements for discharge of treated water.

TYPICAL PROPERTIES

- Appearance: Clear to hazy white liquid
- Specific gravity: 1.4 – 1.6
- pH (neat) 12.0 - 14.0
- Freeze point -12.2°C
- Flash point: None

PRIMARY APPLICATIONS

ZI-CHEM 7710 should be metered continuously as a solution or to the water stream in a place of good mixing to ensure even distribution.

FEEDING & CONTROL

ZI-CHEM 7710 should be added using a chemical metering pump with liquid end constructed of suitable materials. These include PVC, polypropylene, Viton, Teflon and stainless steel.

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.

APPROVAL

FDA acceptable in accordance with 21 CFR Section 173.1010- sanitizing solutions.

THE BENEFITS

- Cost effective
- Low capital cost
- Easy to used
- Enviromental friendly, produces no harmful by products

COMMON APPLICATIONS

- Automotive industries
- Packaging facilities
- Pulp & Paper processing
- Food industries
- Oil & gas upstream & downstream
- Timber processing

PACKAGING

- 30kg 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.

