

ZI-CHEM 7310 Deaerating Agent

HIGHLIGHTS

ZI-CHEM 7310 is an exceptionally effective deaerating agent for aqueous processing applications. It is particularly useful in some effluent processing facilities.

This product is a high activity formulation based on unique gel particle technology. In suitable applications, the gel particle becomes hydrophobic, and explodes into smaller particles, causing rupture of microscopic air bubbles.

ZI-CHEM 7310 is most highly active at temperatures below 60 °C.

ZI-CHEM 7310 is a versatile, water-based product where deaeration or foam control is required in applications where downstream requirements prohibit any residual contamination. This makes it ideal for applications where common alternatives containing oil, wax or silicone are undesirable.

TYPICAL PROPERTIES

- Appearance: White clear liquid
- Specific gravity: 0.95 – 1.05
- Solubility: Easily emulsifiable in water
- Viscosity: 400 cps at 25 °C

PRIMARY APPLICATIONS

It can be prediluted before use which will provide higher performance for lower consumption rates. The diluted stock solution should be stirred slowly but continuously.

ZI-CHEM 7310 should be feed to the stream to be treated at a point of good mixing, upstream of deaeration tower and well before the foam or gas problem areas.

FEEDING & CONTROL

Being water based, ZI-CHEM 7310 is easily feed to aqueous systems. Addition of ZI-CHEM 7310 to the point of application should be with a variable speed positive displacement chemical metering pump that has corrosion resistant materials of PVC, PPL, PE or Teflon®. Specific recommendations will be provided by your ZI-TECHASIA technical representative.

THE BENEFITS

- Easy to use
- Low cost
- Suitable for free residual contamination application

COMMON APPLICATIONS

- Primary Clarifier
- Sludge Dewatering
- Secondary Clarifier

PACKAGING

- 25kg bags

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.



ISO 9001:2008 Certificate No.SG12/04040

ISO 14001:2004 Certificate No.SG12/04041