Product Technical Data

ZI-CHEM

ZI-CHEM 9310
Process Foam Control

HIGHLIGHTS

ZI-CHEM 9310 aqueous solution of silicone based surface active compounds which acts as a highly effective anti-foam in many non-aqueous direct and indirect food additive and industrial applications.

ZI-CHEM 9310 silicone antifoam compound provides maximum foam control in highly alkaline and highly acidic systems as well as neutral systems and exhibits improved efficiency and longevity over conventional antifoam compounds.

TYPICAL PROPERTIES

- Appearance: White milky liquid
- Specific gravity: 0.9 – 1.1
- pH (neat) 4.0 – 8.0
- Freeze point 0°C

PRIMARY APPLICATIONS

ZI-CHEM 9310 silicone antifoam compound may be used as received or diluted prior to use. Dilution or dispersion of the material prior to use, either in solvent or in one of the foaming ingredients, can provide an excellent means for incorporating low concentrations of silicone antifoam accurately and economically into a non-aqueous system.

Prediluted solutions should be kept under agitation or mildly agitated before use. Such dilution or dispersion may provide greater ease of handling and more effective silicone use. ZI-CHEM 9310 silicone antifoam compound may be metered into continuous process systems.

FEEDING & CONTROL

The dosage will depend on the operating conditions and the chemistry of the system 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 Sections 173.340 Defoaming agents in food processing.

THE BENEFITS

- Low toxicity
- Neutral odour and taste
- Effectively kills foam in low concentration
- Easy handling due to its liquid form

COMMON APPLICATIONS

- Food processing
- Chemical processing

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC's or in bulk

HANDLING & SAFETY

ZI-TECHASIA maintains a database of safety data sheets (SDS) 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