

ZI-CHEM 93A0

Foam Control for Gas Treating

HIGHLIGHTS

ZI-CHEM 93A0 antifoam is particularly useful in controlling foam conditions where the cause is liquid hydrocarbon contamination in process feed gas or cutting oil and/or packing oil often left in new equipment. Both refinery and natural gas processing facilities often encounter liquid hydrocarbon contamination and should consider the use of ZI-CHEM 93A0 antifoam, particularly when putting new equipment into service.

TYPICAL PROPERTIES

- Appearance: Clear colorless to yellow liquid
- Specific gravity: 1.00 – 1.05
- pH (neat) 5.0 – 8.5
- Flash Point: 188° C

PRIMARY APPLICATIONS

ZI-CHEM 93A0 antifoam performance is dictated by the activity of the foamant and system losses. It can be added to the aqueous system before foaming occurs. In the event of a foaming situation, this antifoam can be used at moderate levels as a defoamer to quickly regain system control. If a full-flow carbon filter is present, continuous addition is recommended. For slipstream, or if no carbon filtration is present, use either batch or continuous addition.

FEEDING & CONTROL

Generally, concentrations of 2 to 20 ppm ZI-CHEM 93A0 antifoam are adequate to control foam in gas treating units. Specific recommendations will be provided by your ZI-TECHASIA technical representative.

Concentration	Ppm of ZC 93A0
1.0 liter in 10,000 liters	100
1.0 liter in 20,000 liters	50
0.5 liter in 20,000 liters	25
0.5 liter in 100 m ³	5

THE BENEFITS

- Excellent antifoam durability
- Reduced addition levels for control of severe foaming situations
- Improved product quality for superior foam control
- Quick foam knockdown
- Ease of use
- Improved overall performance of the system in terms of separation and solvent loss
- Does not cause scaling in heat exchangers nor physical build-up problems within the system
- Requires only low concentrations for effective foam control

COMMON APPLICATIONS

- Natural Gas Facilities
- Refinery Facilities

PACKAGING

- 25kg pails
- 205kg drums

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

