COASTAL CHEMICAL
A BRENNTAG GROUP COMPANY

FOAMERS & DEFOAMERS

ABOUT US

In managing foam-related challenges in oilfield operations, various parameters are considered to develop the most efficient and economical treatment program.

Coastal's chemical strategy for foam control and generation is designed to specifically address:

- Use of foamers to enhance gas lift efficiency and improve liquid unloading in low-pressure wells
- Use of defoamers to control and eliminate unwanted foam in separators, tanks, and water treatment systems
- Optimization of chemical selection based on gas composition, fluid properties, and system dynamics
- Compatibility with process equipment, emulsions, and other production chemicals
- Integration with facility design and operational practices to improve separation and throughput
- Support for foam diagnostics and performance monitoring under field conditions
- Compliance with environmental, health, and safety regulations related to foamer and defoamer usage
- Deployment of advanced, field-proven formulations suited for high-temperature, high-shear, and multi-phase environments

FOAMER & DEFOAMER PRODUCTS

We offer a comprehensive portfolio of solutions to meet a wide range of operational needs. However, the products that best represent our core strengths and deliver the most value are highlighted in the table below. These key products reflect our most reliable, proven, and widely used formulations.

Chemical Name	Target Issue	Application Environment	Fluid Type	Best For	Treatment Method
Foamer FOW-1027	Liquid Loading in Gas Wells	Gas Wells, Low-Pressure Systems	Gas + Water (Wet Gas)	Creating foam to lift liquids and restore flow	Continuous or Intermittent
Well Foam 81	Mild Liquid Loading	Sweet Gas or Light Condensate Systems	Gas Condensate + Water	Gentle foaming action, better compatibility with condensates, targeting also scale and corrosion	Intermittent or Batch
Well Foam 72	High Liquid Loading	Sweet Gas or Light Condensate Systems	Gas Condensate + Water	High Activity foamer	Continuous or Batch
Foam Sticks	Mild Liquid Loading	Sweet Gas or Light Condensate Systems	Gas Condensate + Water	Gentle foaming action, better compatibility with condensates, targeting also scale and corrosion	Batch
Defoamer 5000F	Excess Foam in Separators	High Liquid Loading	Produced Fluids (Oil/ Water)	Fast knockdown of stable foam	Continuous
Defoamer 1017F	Foam in High-Temp Processes	Flash Vessels, Glycol Units	Condensate, Water	High-temperature compatibility, rapid spreading	Continuous or As Needed
Defoamer 9013F	Variable Foam Needs	Water treatment, gas pipelines	Gas, Water, Condensate	Systems needing switching between foam and no-foam modes	Custom Engineered Program

VALUE TO OUR CUSTOMERS

Coastal Chemical Application Engineers design each treatment from Product selection to the monitoring KPIs.

We continue value generation and reduction of costs through lean six sigma methodologies with our internal processes.

PROCESS OPTIMIZATION

- Improved gas well liquid unloading (foamers)
- Enhanced separator and treater performance (defoamers)
- Maintained stable production rates
- Reduced carryover and contamination
- Minimized processing upsets and downtime
- Optimized chemical and operational efficiency
- Increased throughput and system reliability

SPECIALTY APPLICATIONS

- Gas well liquid unloading (foamers)
- Separator and treater foam control (defoamers)
- Compressor suction scrubber performance
- Produced water system foam management
- Pipeline flow improvement (foamers)
- Crude oil processing foam control

Contact Coastal Chemical today and get the Energy LEADER on your side.

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