

# FOAMSTOP 5025K Low Catalyst Impact defoamer

## Applications

- Refining operations
- Petrochemical processes
- Delayed cokers
- Visbreakers
- Crude unit atmospheric and vacuum towers
- Pre-flash towers
- Solvent de-asphalting

## Features and Benefits

- Excellent foam control agent
- Fast, effective control of foam
- Easy to Handle
- Excellent thermal stability for high temperature applications
  - Persistent in coke drums
- Reduced silicon contamination of coker liquid products
  - Less silicon poisoning of HDS catalysts
  - Reduces unscheduled catalyst bed changes

Baker Hughes **FOAMSTOP 5025K LCI™ defoamer** is designed to control foam in refinery and petrochemical processes. The product is a blend of high molecular weight silicone oil plus a non-PDMS defoamer delivered in kerosene. The product exhibits excellent thermal stability in high temperature applications.

FOAMSTOP 5025K LCI controls foaming in delayed cokers, thermal crackers, crude unit flash drums, crude unit atmospheric and vacuum towers and gas oil separators.

The product should be injected upstream of the foaming area. For delayed cokers, the product should be injected into the top of the coke drums with a suitable carrier at a minimum of 50:1 carrier to product. Effective dose rates are dependent on operating conditions, fluid properties and the severity of foaming. Contact Baker Hughes technical services for application details.

### Typical properties

General appearance	Colorless to straw colored liquid
Specific gravity at 60°F (15.6°C)	0.80 to 0.87
Typical density at 60°F (15.6°C)	7.0 lbs/US gal (842 kg/m³)
Flash point	50°C (122°F)
Pour point	<-60°C (<-76°F)
Viscosity	
at 40°C (104°F)	80 cSt

## Materials compatibility

### Suitable:

Metals:	Aluminum, copper, mild steel, 304 stainless steel, 316 stainless steel
Plastics:	HD polyethylene, PCV, TEFLON®, nylon
Elastomers:	Nitrile, Buna N, Neoprene, HNBR, VITON®

### Not Suitable:

Plastics:	HD polypropylene
Elastomers:	EDPM

*Materials suitability is based on analysis of test results obtained under specified laboratory conditions. All materials selection should be based on actual application. Testing results for materials will be made available on request.*

### Suitability criteria:

Metals:	< 1.0 MPY loss
Plastics:	<10% weight change
Elastomers:	<10% weight change

## Safety and handling

Before handling, storage, or use, review the Safety Data Sheet (SDS) for guidance.

### Baker Petrolite 24 Hour Emergency Hotline:

1-800-424-9300 (CHEMTREC) U.S.A.  
1-613-996-6666 (CANUTEC) Canada

### Baker Petrolite Customer Care

#### Hotline:

1-800-872-1916 (8 a.m. to 5 p.m. CST)