

Coastal 530

Process Defoamer/Antifoam



Product Information

Coastal 530 is a liquid, non-silicone, organic defoamer/antifoam. The product is produced from polyol based block copolymers. The product does not require pre-blending or dilution prior to addition. The product is effective in reducing foam which may be caused by the presence of tramp hydrocarbons (crude oil, compressor oils, etc.) which contaminate process fluids used in gas processing equipment, glycol dehydration, and amine gas processing plants.

Typical Physical Properties

Form	Clear, Viscous Liquid
Density @ 68° F	8.48 lb/gal (typical)
Specific Gravity @ 20/20°F	1.017
Water Content, %wt.	<0.05
Flash Point, °F (COC)	>420° F
Pour Point, °F	-10° F
Solubility, 68°F	Water Insoluble, Glycol Insoluble, Alkanolamine Insoluble, Oil Soluble

Application:

Coastal 530 can be added in a batch or continuous method, directly into the circulating fluid line or into the reserve vessel. Due to the unique chemical makeup of the Coastal 530, the thermal decomposition of the product (at >600°F) would tend to form soluble fluids or volatile products rather than sludge or varnish. The initial treatment rate will depend upon the immediate severity of the foaming problem. It is normal to begin at a treatment rate of 100 ppmw, not to exceed 400 ppmw in a day.

Handling Precautions

Coastal 530 is an industrial chemical and should be handled as such. Avoid contact with eyes, skin and clothing. In cases of eye contact, flush immediately with water for at least 15 minutes and contact medical help. Person(s) working with this product should read and be familiar with safety precautions detailed in the Material Safety Data Sheet on this product prior to use. Coastal 530 is non-corrosive to iron, steel, brass, bronze, and aluminum under normal operating conditions. The product has little or no effect on most natural and synthetic rubber compounds or gasket materials.

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Coastal Chemical Co., L.L.C., a Brenntag Company

5300 Memorial Drive, Suite 250 • Houston, TX 77007 • Phone: 713-865-8787 • Fax: 713-865-8788