

Antifoaming Agent KHF006

1. Introduction

Foams formed while mixing fracturing fluids cause many problems such as lower and wrong density reading, poor wetting and hydration efficiency, and pumping difficulties due to pump cavitation and loss of suction. KHF006 antifoam agent is often required in mixing fracturing fluids to prevent foaming tendency and avoid problems described above.

2. Physical Properties and Hazards

Additives	Form	S.G.	Water Solubility	Health Hazard	Physical Hazard	pH
KHF006	Colorless liquid	0.97-1.02	Soluble	Moderate-Eyes	None	7.0-9.0 (10% methanol solution)

3. Chemical Properties and Application

KHF006 is an effective antifoam agent in most fracturing fluids that do not have high salt concentrations. It is NOT a foam breaker. Therefore, KHF006 should be always added into mixing water before any foam forms. Higher agitation is required in cold weather for better dispersion.

4. Treatment

The recommended concentration for KHF006 is 0.1-0.5 Gal/1,000 Gal of mixing water.

5. Packaging

KHF006 is supplied in 5 gallons high density polyethylene (HDPE) pails. Keep it away from extreme conditions such as places near flames or direct sunlight.