شرکت پترو کیمیا پیوند

KIMIA PEYVAND ANTI FOAM

FOMEX -1430

Technical Data Sheet

- **Foam Control in Oil / Gas Separation**
- **Foam Control in Gas Sweetening / Scrubbing**
- **Foam Control in Glycol dehydration**
- **Used in a variety of industrial applications including extreme pH conditions**

Features & Benefits	• Antifoaming in aqueous systems of extreme pH • Excellent long-term antifoaming performance, even in alkaline solutions
Composition	Silicone emulsion Milky-white liquid
Applications	For use in latex manufacturing Waste water treatment Gas processing Distillation systems
Typical Properties	
properties	results
Appearance	White
Active Ingredient	30%
Specific Gravity, at 25°C (77°F)	1.0
Viscosity at 25°C (77°F),	1100 cs
Consistency at 25°C (77°F)	cp Medium
pH	6-8
Emulsifier Type	Nonionic
Suitable Diluent	Cool Water
Description	KIMIA antifoam **FOMEX** AFE-1430 Antifoam Emulsion is a water-dilutable, 30 percent active silicone emulsion that is designed to control foam in aqueous systems.
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How To Use	Amount Needed
	KIMIA antifoam **FOMEX** AFE-1430 Antifoam Emulsion works effectively in very low concentrations. One to 100 parts of active silicone per million parts former are sufficient to eliminate most foams. Begin trials at higher use levels (50 ppm active silicone), then work down to the level of foam control desired. The following are parts per million equivalents:

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<table>
<tr><td></td><td>
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<tr><td colspan="2">To Yield 50 PPM active silicon</td></tr>
<tr><td>Antifoam</td><td>Mixed In</td></tr>
<tr><td>100 gram</td><td>1000 lit</td></tr>
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<tr><td>Adding the Antifoam</td><td>To produce optimal foam control, it is necessary to have the antifoam completely dispersed in the foaming medium. Follow these steps to achieve complete dispersion:
1. Agitate product prior to use.
2. Predilute with 3 to 10 parts of cool water to aid in dispersion. Add the antifoam to the water with slow mixing. Prediluted material should be used immediately. If the system can provide adequate agitation to disperse the antifoam, the antifoam emulsion may be added directly without predilution being necessary.
3. Add the diluted antifoam prior to the point where foaming occurs within the system, if possible.
A preservative to guard against microbial growth is included in KIMIA antifoam FOMEX AFE-1430 Emulsion. Dilution will substantially diminish the effectiveness of the preservative.
If diluted material is to be stored for more than several days, additional preservative may be required</td></tr>
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