

X-Foam

Superior Performance Silicone Antifoam/Defoamer



Product Features

- Ultra-effective even at very low concentration
- Readily dispersible in water
- Excellent foam control
- Effective in hot & cold systems
- Improved tolerance to alkaline environments and higher salinity environments as compared to traditional silicone-based antifoams

Description

X-FOAM is a highly versatile, superior performance, water dispersible silicone emulsion that is useful to control foaming in many aqueous systems including high pH aqueous systems. X-FOAM offers unparalleled foam knockdown and foam suppression as compared with standard type defoamers. Furthermore, X-FOAM is manufactured with proprietary pH resistant silicone compounds and a robust emulsifier system. This unique emulsifier system works to prevent the silicone compound, when released from the emulsion, from accumulating downstream and thereby keeping the system free from silicone buildup.

Applications include

- Virtually any defoaming application
- Oil & Gas processing
- Drilling & Fracking
- Waste Water Treatment
- Pulp & Paper
- Agrichemical

Available Packaging

4x4L Cases
20 L Pails
205 L Drums
1000 L Totes



1451 Highway Ave SE Redcliff, AB
Phone: (403) 528-4220
Fax: (403) 528-9010
www.genesischemicals.com

Directions For Use

X-FOAM Silicone Antifoam is designed to be used as received or diluted prior to use.

This product is typically effective in very low concentrations with between 1 - 10 ppm of active silicone solids being effective in controlling foam in many aqueous systems. Begin trials however at higher use levels (50 ppm active silicone), then work down to the level of foam control desired. The silicone antifoam level may then be adjusted in either direction to determine the optimum effective concentration for the specific system requiring foam control.

To Yield 50 ppm Active

Antifoam	Mixed in
11.1 ounces	500 gallons
22.2 ounces	1,000 gallons
55.5 ounces	2,500 gallons
16.7 quarts	25,000 gallons

To produce optimum foam control it is recommended that the anti-foam be entirely dispersed into the foaming system. This may be achieved by pre-diluting the anti-foam with water prior to use to accelerate dispersion in the foaming medium. A starting point dilution of 1 part X-FOAM with approximately 5 parts of water is suggested. The preferred method of dilution is to add water to the emulsion, not vice versa. Avoid excessive shear.

Product Properties

Appearance	White liquid
Specific Gravity, at 20°C	0.98-1.03 kg/L
Viscosity	3000 cps max @ 25°C
Freeze Point	0°C
Emulsifier Type	Non-Ionic
Solubility in water	Dispersible

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