



Precision
Foam
Control

 Ascent™

EtnaFoam

Since 1919, Ascent has led in foam control with over 200 EtnaFoam solutions for diverse industrial and consumer needs.

From high-performance defoamers to base materials for custom formulations, we deliver quality and consistency as a vertically integrated manufacturer. Trust our team to help you choose the perfect product or create a custom solution, reinforcing our legacy as your foam control partner.

Let our experienced team guide you in selecting the perfect EtnaFoam product or custom-formulate a solution tailored to your unique application, reinforcing our commitment to being your ultimate foam control partner.



Non-Silicone

EtnaFoam non-silicone defoamers offer a diverse range of solutions tailored for applications where silicone is unsuitable or restricted. Our lineup includes bio-based varieties made from renewable ingredients for sustainable performance, oil-based defoamers for high-solids and viscous systems, and PPG-based formulations designed for compatibility with water-dominant processes.

Bio-based

EtnaFoam bio-based defoamers are designed with renewable ingredients to provide effective and eco-friendly foam control. Formulated with natural oils and performance-enhancing additives, these defoamers deliver reliable foam knockdown and persistence. Ideal for systems where sustainability and environmental compatibility are priorities, these products offer a responsible alternative without compromising performance.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam OB-ECO	100	<1	No
Etnafoam OB-ECO+	100	<1	No

Oil-based

EtnaFoam non-silicone, oil-based defoamers are designed for applications where silicone is unsuitable or restricted. Formulated with advanced oil carriers and performance-enhancing additives, these defoamers provide rapid foam knockdown and sustained control in challenging environments. Ideal for systems with high solids, extreme pH, or demanding shear forces, they ensure reliable foam management across industries such as water treatment, textiles, paper manufacturing, and industrial processes.

Product	% Active	% Silicone	FDA Indirect Compliant
EtanaFoam OB-P 100	95	<1	No
EtnaFoam OB-P FG	98.5	<1	Yes
EtnaFoam OB-N WE	50	<1	No
EtnaFoam OB-N 100	100	None	No
EtnaFoam OB-N 200	100	None	No
EtnaFoam OB-N 300	100	<1	No

PPG-based

EtnaFoam PPG-based defoamers are ideal for water-dominant systems, offering excellent performance in extreme pH, high-shear, and water treatment applications. Formulated with advanced polypropylene glycol carriers, they ensure effective foam suppression with seamless compatibility in aqueous environments.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam PPG 820	100	None	No
EtnaFoam PPG 2043	100	<1	No
EtnaFoam PPG WE	24	<1	No

Fatty Alcohol-based

EtnaFoam fatty alcohol-based defoamers utilize surface-active foam collapse to deliver rapid and efficient foam control. By reducing surface tension and destabilizing foam films, they provide immediate knockdown, making them ideal for aqueous systems and cleaning applications.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam FA 4580	100	None	No
EtnaFoamFA 2056	100	<1	No
EtanaFoam FA 6271	18	None	No

Silicone

EtnaFoam silicone emulsions are precisely formulated with varying levels of silicone to address a wide range of foam control challenges. The portfolio includes FDA indirect food contact compliant emulsions, free-rinsing emulsions designed for sensitive applications like textile dyeing, and oil-based defoamers enhanced with silicone for exceptional performance in demanding environments.

Silicone Emulsions

EtnaFoam silicone emulsions, with silicone concentrations ranging from 3% to 30% are enhanced with hydrophobized silica for superior performance. This combination delivers rapid foam knockdown and moderate long-term foam control, making these products versatile solutions for a wide range of foam management needs.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam SE 3	5	3	No
EtnaFoam SE 5	8	5	No
EtnaFoam SE 10	14	10	No
EtnaFoam SE 20	26	20	No
EtnaFoam SE 30	33	26	No

FDA Indirect Compliant Silicone Emulsions

EtnaFoam FDA indirect compliant silicone emulsions, with silicone concentrations from 3.5% to 20%, deliver powerful foam suppression for food facility cleaning, wastewater treatment, and equipment washing systems. Ideal for applications requiring FDA compliance, they ensure safe and effective performance for indirect food contact.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam SE-FG 5	8	5	Yes
EtnaFoam SE-FG 10	15	10	Yes
EtnaFoam SE-FG 20	26	20	Yes

Free-Rinsing Silicone Emulsions

Designed for sensitive applications, EtnaFoam free-rinsing silicone technology delivers effective foam control while preventing residue buildup. Ideal for textiles, cleaning systems, and water treatment, they ensure clean, reliable performance with ease of rinsing.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam SE-FR 3	6	3	No
EtnaFoam SE-FR 3.5	6	3	Yes
EtnaFoam SE-FR 8	14	8	No
EtnaFoam SE-FR 20	35	20	No
EtnaFoam SE 30	33	26	No

Oil-based with Silicone Boost

EtnaFoam OB+ combines the stability of an oil base with the superior foam control of silicone. This unique formulation delivers rapid foam knockdown, long-lasting control, and exceptional compatibility in semi-synthetic metalworking fluids, antifreeze coolants, and hydraulic systems.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam OB+	100	3	No

Defoamer Bases

EtnaFoam defoamer bases provide a versatile foundation for formulators, offering silicone, non-silicone, PPG-based, and wax-based options to meet diverse application needs. Designed for flexibility, EtnaFoam defoamer bases allow formulators to create tailored solutions for applications ranging from industrial processing to specialty manufacturing.

Silicone-based

EtnaFoam silicone defoamer bases combine hydrophobized silica and silicone fluids for aggressive foam knockdown and long-lasting performance. Designed for flexibility, they support custom formulations for water treatment, detergents, and industrial processes.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam 41B	100	100	Yes
EtnaFoam KI	100	100	No
EtnaFoam 41M-EM	100	80	No

Non-silicone-based

EtnaFoam non-silicone, oil-based defoamer bases are designed to provide reliable foam control in systems where silicone is not suitable. Formulated with hydrophobic additives and stable oil carriers, these bases offer rapid foam knockdown and sustained performance.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam HS N	100	<2	No
EtnaFoam HS P	100	<1	No
EtnaFoam 700 N	100	None	Yes
EtnaFoam 700 S	100	None	Yes

PPG-based

EtnaFoam PPG-based defoamer bases provide exceptional versatility and performance in water-dominant systems. Formulated with polypropylene glycol and hydrophobic additives, these bases deliver rapid foam knockdown, long-lasting control, and excellent compatibility with high-pH and high-shear environments.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam PPG 2025	100	<4	No
EtnaFoam PPG 2025 DT	100	None	No

Wax-based

EBSA-100 is a 100% active ethylene bis-stearamide ideal for formulating non-silicone defoamers in mineral oil suspensions. This base material dissolves easily in all types of mineral oils, including paraffinic, naphthenic, and lighter fractions such as mineral spirits and mineral seal oil. Oil-based solutions of EBSA-100 are readily emulsifiable using PEG esters, phosphate esters, or ethoxylated alcohols.

Product	% Active	% Silicone	FDA Indirect Compliant
EtnaFoam EBSA	100	None	No

EtnaFoam Application Guide

● Not Recommended ● Recommended

Series	Pulp & Paper	Textile	HI&I	Water Treatment	Oil & Gas	Agriculture	Coatings	Metalworking Fluids
Silicone Emulsions								
EtnaFoam SE 3	●	●	●	●	●	●	●	●
EtnaFoam SE 5	●	●	●	●	●	●	●	●
EtnaFoam SE 10	●	●	●	●	●	●	●	●
EtnaFoam SE 20	●	●	●	●	●	●	●	●
EtnaFoam SE 30	●	●	●	●	●	●	●	●
FDA Indirect Compliant Silicone Emulsions								
EtnaFoam SE-FG 5	●	●	●	●	●	●	●	●
EtnaFoam SE-FG 10	●	●	●	●	●	●	●	●
EtnaFoam SE-FG 20	●	●	●	●	●	●	●	●
Free-rinsing Silicone Emulsions								
EtnaFoam SE-FR 3	●	●	●	●	●	●	●	●
EtnaFoam SE-FR 3.5	●	●	●	●	●	●	●	●
EtnaFoam SE-FR 8	●	●	●	●	●	●	●	●
EtnaFoam SE-FR 20	●	●	●	●	●	●	●	●
Oil-based with Silicone Boost								
EtnaFoam OB+	●	●	●	●	●	●	●	●
Oil-based								
EtnaFoam OB-P 100	●	●	●	●	●	●	●	●
EtnaFoam OB-P FG	●	●	●	●	●	●	●	●
EtnaFoam OB-N WE	●	●	●	●	●	●	●	●
EtnaFoam OB-N 100	●	●	●	●	●	●	●	●
EtnaFoam OB-N 200	●	●	●	●	●	●	●	●
EtnaFoam OB-N 300	●	●	●	●	●	●	●	●
Bio-based								
EtnaFoam OB-ECO	●	●	●	●	●	●	●	●
Etnafoam OB-ECO+	●	●	●	●	●	●	●	●
PPG-based								
EtnaFoam PPG 820	●	●	●	●	●	●	●	●
EtnaFoam PPG 2043	●	●	●	●	●	●	●	●
EtnaFoam PPG WE	●	●	●	●	●	●	●	●
Fatty Alcohol-based								
EtnaFoam FA 4580	●	●	●	●	●	●	●	●
EtnaFoam FA 2056	●	●	●	●	●	●	●	●
EtnaFoam FA 6271	●	●	●	●	●	●	●	●



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