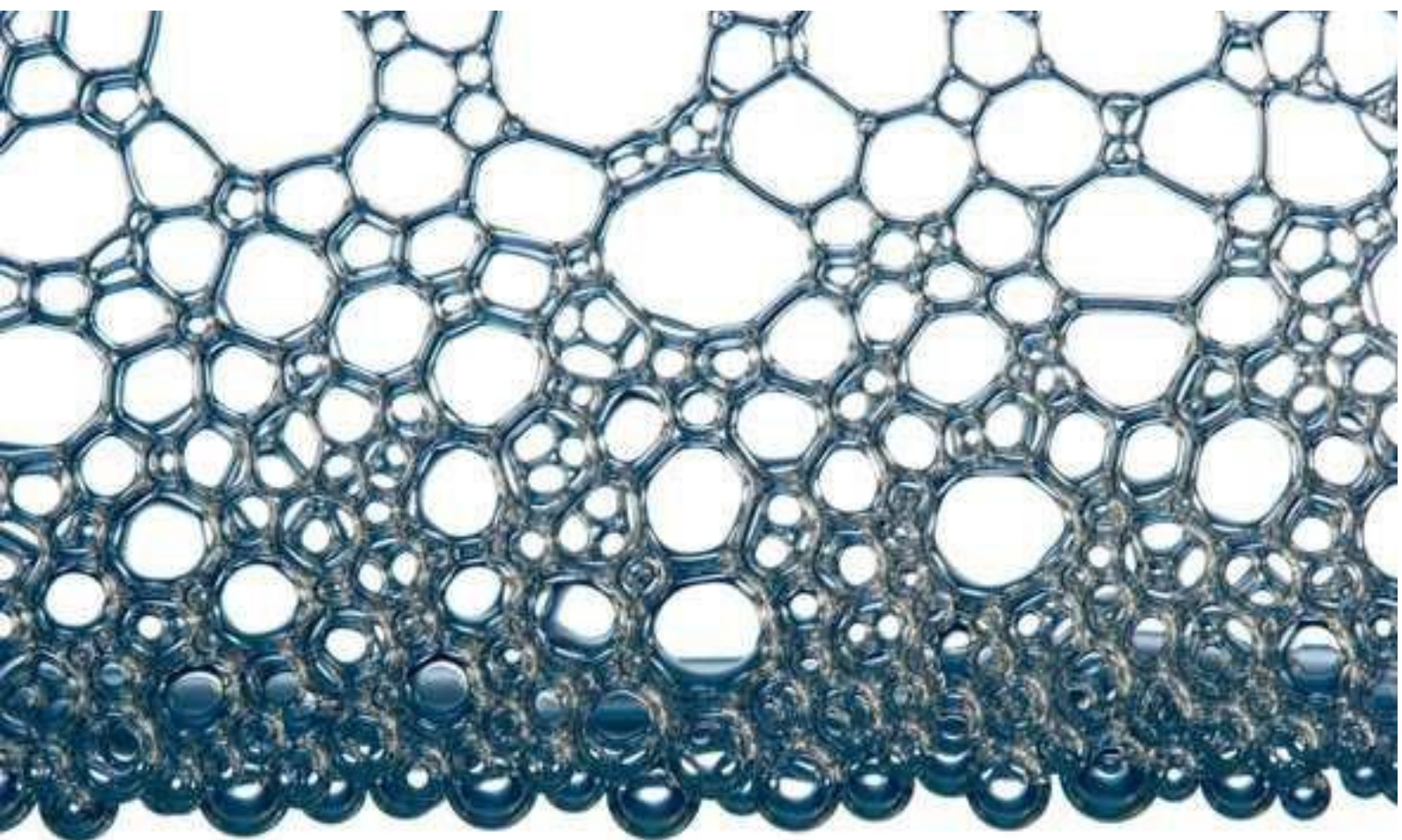


Color Enhancer

TECHNOLOGY

DEFOAMERS



CE TECHNOLOGY CO., LTD

CE TECHNOLOGY offers a series of defoamers including both silicone and non-silicone based antifoams for our customers to develop foam-control agents that will knock-down existing foam and prevent formation of fresh foam.

Silicone Based Defoamers:

Unlike the conventional silicone antifoams that typically use dimethyl silicone fluids and hydrophobic silica as the raw materials, CE TECHNOLOGY silicone defoamers contain the specialty silicone resins compounded with a variety of silica; hence it provides superior persistence (or durability) of foam-control with good foam knockdown.

Product	Features & advantages	Appearance	Active Content	Key Applications
CEA 1015	<ul style="list-style-type: none"> ✓ cost effectiveness ✓ readily dispersible in water 	Milky white liquid	13%	<ul style="list-style-type: none"> - general purpose - water treatment
CEA 1025	<ul style="list-style-type: none"> ✓ silicone resin-based defoamer ✓ excellent persistence ✓ good dispersibility 	Milky white liquid	25%	<ul style="list-style-type: none"> - chemical processing - water treatment - general purpose
CEA 1040	<ul style="list-style-type: none"> ✓ concentrated defoamer ✓ best recommendation for formulators ✓ initial foam knockdown 	Milky white liquid	50%	<ul style="list-style-type: none"> - chemical processing - water treatment - general purpose
CEA 1050	<ul style="list-style-type: none"> ✓ concentrated defoamer ✓ best recommendation for formulators ✓ superior persistence & foam knockdown 	Milky white liquid	50%	<ul style="list-style-type: none"> - latex processing - acrylic & polyurethane resin manufacturing - textile & paper processing
CEA HT30	<ul style="list-style-type: none"> ✓ foam control in high temperature condition ✓ good persistence up to 100°C 	Milky white liquid	30%	<ul style="list-style-type: none"> - foam control in high temperature processing - high temperature chemical processing
CEA 1000	<ul style="list-style-type: none"> ✓ defoamer compound with 100% active contents ✓ foam control for non-aqueous system 	Opaque liquid	100%	<ul style="list-style-type: none"> - foam control for non-aqueous adhesives, lubricants, resins & agrichemicals - petroleum processing, e.g., gas scrubbing, glycol, vacuum tower, propane, de-asphalting

Typical properties should not be used as specifications. The specifications are available if contacting CE TECHNOLOGY Co., Ltd.

Non-silicone Based Defoamers:

Despite of good foam control efficacy, silicone-based defoamers are not acceptable for some applications because it intends to cause process trouble in certain foam-media systems and conditions. To overcome such problem, non-silicone based defoamers are also widely used in many applications and industries.

Differentiated from conventionally organic defoamers that are typically insufficient to provide the initial foam knockdown, CE TECHNOLOGY non-silicone defoamers impart excellent foam knockdown as well as antifoaming, i.e., preventing from foam formation, which is achieved by combination of non-silicone and special silicone(not dimethyl siloxane) technology.

Product	Features & advantages	Appearance	Active Content	Key Applications
CEA 100A	<ul style="list-style-type: none"> ✓ capable for initial foam knockdown ✓ good dispersibility in foaming media ✓ fish-eyes free 	Light yellow liquid	100%	<ul style="list-style-type: none"> - synthetic latex processing - textile processing - papermaking processes - a variety of chemical processing
CEA 60A	<ul style="list-style-type: none"> ✓ good foam knockdown & foam inhibition ✓ readily dilute-able with water ✓ fish-eyes free 	Milky white liquid	60%	<ul style="list-style-type: none"> - chemical processing - latex & acrylic resin manufacturing - papermaking processes - general purpose
CEA POX 300	<ul style="list-style-type: none"> ✓ good for stabilized foams, e.g., protein-contained foams ✓ good foam knockdown 	Milky white liquid	30%	<ul style="list-style-type: none"> - livestock or food wastewater treatment - foam control for adhesive manufacturing
CEA F300	<ul style="list-style-type: none"> ✓ quick foam knockdown as well as long-term foam inhibition ✓ good for all types of stabilized foams 	Milky white liquid	30%	<ul style="list-style-type: none"> - defoaming and antifoaming for any stabilized foams - livestock or food wastewater treatment - papermaking processes

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Customized Defoamers:

Besides the silicone-based and non-silicone based defoamers highlighted in the above, CE TECHNOLOGY is also capable enough to design and produce such defoamer that is specifically customized by business partners. We are ready to establish a long-term business partnership with you for the customized defoamers!

Limitation

All formulations, procedures, performance data, benefits and advantages are included as illustrative examples only. CE TECHNOLOGY makes no representation or warranty of any kind with respect to all information in this document, including, without limitation, concerning the efficacy or safety of any product manufactured by using the information stated in here.