

Cultivating Wellness with Amphoteric Surfactants and Pearlizing Agents



Kensing products enhance performance, aesthetics, and consumer experience of personal and home care formulations, improving mildness, boosting foam, building texture, and giving bright white pearl effects.

Kensing's Amphoteric Surfactants

Our medium- to high-active amphoteric surfactant grades are key ingredients to rinse-off cleaning formulations.

Historically used as secondary to highly detergent primary anionic surfactants, amphoteric surfactants mitigate their irritancy without compromising on detergency, producing formulations that are milder to the skin. They help build viscosity and fine-tune foam attributes, to deliver a variety of consumer experiences.

More recently, amphoteric surfactants, in particular betaines, have grown to primary surfactants in very mild, sulfate-free formulations for babies and adults with sensitive skins and scalps.

At Kensing, we only produce high-purity and high-active betaines that are manufactured under very strict control procedures. This allows for minimal levels of amidoamine, unreacted fatty acid, mono-/di- chloroacetic acid, and residual sodium glycolate.

About Cocamidopropyl Betaine (CAPB)

CAPB is the most used variant among all amphoteric surfactant chemistries. It has been, and remains to this day, the workhorse of the cleaning industry.

Kensing's Pearlizing Agents

Our high-quality pearlizing agents are especially suitable for surfactant preparations. The fine-particled dispersion of ethylene glycol distearate in aqueous solutions creates a brilliant pearly shimmer, even in very low concentrations. Kensing pearlizing agents also act as a stabilizer in O/W emulsions.

The Benefits of Kensing Amphoteric Surfactants

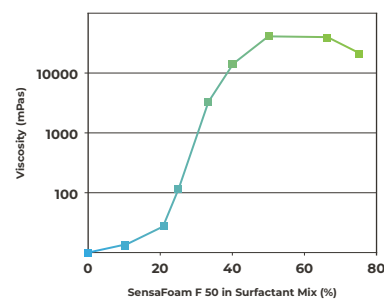
High-purity, low in byproducts and reaction residuals, in particular amidoamines and chloroacetic acids.

High-active SensaFoam™ F 50 reduces transportation cost, storage, while remaining liquid, easy to handle.

Mild surfactant for all rinse-off products for skin and hair. Proven to reduce skin and scalp irritation of anionic surfactants.

Contributes to build texture to anionic surfactants formulation, through strong synergistic thickening effect.

Thickening Effect of SensaFoam™ F 50



SensaFoam F 50 provides good lather properties. The foam gets creamy and longer lasting.

SensaFoam F 50 provides a strong thickening effect to surfactant solutions. Figure shows viscosity of surfactant solutions with 15% active at pH 6. Mixture is SLES with F 50. Above a ratio of 30% F 50 no additional thickening agent is required.

The Benefits of Kensing Pearlizing Agents

High-active

Cold processable

Easy to handle

No impact on viscosity

Product Range and Applications

Kensing will work closely with you to find the right product matches to complement your unique formulations. All products below can be manufactured with responsibly sourced raw materials.

Amphoteric Surfactants

Applications: Shampoos, bubble bath products, and shower gels.

Product Name	INCI Name	Active Matter %	Solid %	Form	pH Range	Preservatives
SensaFoam™ 1218 KB 5	Cocamidopropyl Betaine	29.0-32.0	36-40	Liquid	4.0-5.5	Sodium Benzoate
SensaFoam™ CK PH 12/MB	Cocamidopropyl Betaine	28.0-32.0	36-40 (38)	Liquid	11.5-12.5	None
SensaFoam™ F 50	Cocamidopropyl Betaine	>=37.0	45-48 (46)	Liquid	4.5-5.5	None
SensaFoam™ F KB 5	Cocamidopropyl Betaine	28.0-32.0	No spec	Liquid	4.0-5.5	Sodium Benzoate
SensaFoam™ F KB 55	Cocamidopropyl Betaine	27.2-29.2	31-35	Liquid	4.0-5.5	Sodium Benzoate
SensaFoam™ F KH 5	Cocamidopropyl Betaine	29.0-31.0	No spec	Liquid	5.0-7.0	DMDM Hydantoin
SensaFoam™ F KM 5	Cocamidopropyl Betaine	29.0-32.0	34-38	Liquid	5.0-6.0	Methylchloroisothiazolinone and Methylisothiazolinone
SensaFoam™ L 7 V	Cocamidopropyl Betaine	>=30.0	33-37 (36)	Liquid	4.5-5.5	EDTA
SensaFoam™ ZF	Cocamidopropyl Betaine	>=30.0	No spec	Liquid	4.5-5.5	Sodium Benzoate
SensaFoam™ F 40	Cocamidopropyl Betaine	29.0-32.0	34-38	Liquid	5.0-6.0	None
SensaFoam™ F 40 PH 12	Cocamidopropyl Betaine	29.0-32.0	34-38	Liquid	11.0-12.5	None
SensaFoam™ AB 1214/MB	Coco-Betaine	29.0-33.0	No spec	Liquid	6.0-8.0	None

Pearlizing Agents

Applications: Shower and foam baths, shampoos, hand soaps, conditioners, hair and skin products, baby products.

Product Name	INCI Name	Source	Activity	Form	pH Range	Preservatives
SensaGlo™ G 1100 Flake & MB	Glycol Distearate	Vegetable	100%	Solid Flake	N/A	None
SensaGlo™ N 100 & MB	Glycol Distearate; Steareth-4	Vegetable	~15%	Liquid	3.8-4.8	0.5% Sodium Benzoate
SensaGlo™ BL 315 Flake/MB	Glycol Distearate	Vegetable	100%	Solid Flake	N/A	None
SensaGlo™ V 100 & MB	Glycol Distearate	Vegetable	100%	Liquid/Solid Flake	N/A	None
EGDS Purified	Glycol Distearate	Tallow	100%	Liquid/Solid Flake	N/A	None

Contact us to learn more about our amphoteric surfactants and pearlizing agents at CustomerCare@KensingSolutions.com or [KensingSolutions.com](https://www.KensingSolutions.com)

