

# Cultivating Wellness with Amphoteric Surfactants and Pearlizing Agents



**Kensing products enhance personal and home care product formulations by boosting foam or giving them a bright white pearl effect.**

## Kensing Amphoteric Surfactants

Our low- and high-active amphoteric surfactants act as both foam boosters in surfactant-based formulations, creating a rich lather when in contact with water and a replacement for sulfate-based formulations. They also offer synergistic thickening properties and good skin compatibility. They work especially well in combination with anionic surfactants, helping reduce irritation.

### About Cocamidopropyl Betaine (CAPB)

CAPB is a medium-strength amphoteric surfactant that offers good performance and cost profiles. CAPB allows water and oil—two substances that usually repel each other—to interact, making it possible to easily remove the oil with water, lifting it from the skin or hair. CAPB also adds viscosity to products, making them thicker and creamier. This is useful in products such as hair conditioners, as it makes them less likely to drip.

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.

### The Benefits of Kensing Amphoteric Surfactants

**High-purity, low in byproducts, including free amidoamine and chloroacetic acids**

**Available in high concentrations, reducing the cost of transport, storage, and handling**

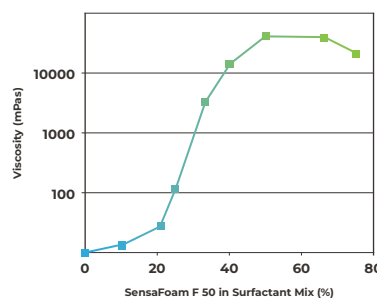
**A mild surfactant in all products for skin and hair cleansing**

**Adds a strong thickening effect to surfactant solutions**

**Reduces irritation as its ratio of use as a secondary surfactant increases**

**Two of our highly concentrated, mild amphoteric surfactants, SensaFoam™ F 50 and SensaFoam™ C 60, allow for higher concentrations of active matter than the industry standard. For example, while a standard CAPB is a gel at solid levels above 37%, SensaFoam F 50 remains liquid and easy to handle.**

### 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.

### 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 Pearlizing Agents

**High-active matter**

**Cold processable**

**Easy to process**

**No influence 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
<b>SensaFoam™ 1218 KB 5</b>	Cocamidopropyl Betaine	29.0-32.0	36-40	Liquid	4.0-5.5	Sodium Benzoate
<b>SensaFoam™ CK PH 12/MB</b>	Cocamidopropyl Betaine	28.0-32.0	36-40 (38)	Liquid	11.5-12.5	None
<b>SensaFoam™ C 60</b>	Cocamidopropyl Betaine	46.0-49.0	55	Liquid	4.5-5.5	None
<b>SensaFoam™ F 50</b>	Cocamidopropyl Betaine	>=37.0	45-48 (46)	Liquid	4.5-5.5	None
<b>SensaFoam™ F KB 5</b>	Cocamidopropyl Betaine	28.0-32.0	No spec	Liquid	4.0-5.5	Sodium Benzoate
<b>SensaFoam™ F KB 55</b>	Cocamidopropyl Betaine	27.2-29.2	31-35	Liquid	4.0-5.5	Sodium Benzoate
<b>SensaFoam™ F KH 5</b>	Cocamidopropyl Betaine	29.0-31.0	No spec	Liquid	5.0-7.0	DMDM Hydantoin
<b>SensaFoam™ F KM 5</b>	Cocamidopropyl Betaine	29.0-32.0	34-38	Liquid	5.0-6.0	Methylchloroisothiazolinone and Methylisothiazolinone
<b>SensaFoam™ L 7 V</b>	Cocamidopropyl Betaine	>=30.0	33-37 (36)	Liquid	4.5-5.5	EDTA
<b>SensaFoam™ ZF</b>	Cocamidopropyl Betaine	>=30.0	No spec	Liquid	4.5-5.5	Sodium Benzoate

## Pearlizing Agents

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

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

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



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