Personal Care and HI&I Performance Blends

CalBlend® performance blends are integrated surfactant systems from which formulators can create a fully compatible range of products by simple cold dilution. CalBlend® performance blends provide cost effective and high performing solutions for the following range of products:

- **Pearlescent** Shampoo, Bodywash, Bath and Shower Gel, Premium Bubble Bath, Hand Soap, Pet Care, Dish Wash, and Car Care
- **Clear** Shampoo, Bodywash, Bath and Shower Gel, Pet Care, Economy and Premium Bubble Bath, Hand Soap, Dish Wash, Car Care, and Laundry Care
- **ECO-Logically Friendly** Shampoo, Bodywash, Bath and Shower Gel, Economy and Premium Bubble Bath, Pet Care, Hand Soap, Dish Wash, Car Care, Laundry and Fine Fabric Wash

CalBlend® products are economical, efficient, environmentally friendly, and versatile. CalBlend® performance blends typically utilize two major components, which, by a simple cold dilution process, produce a wide range of products. CalBlend® systems eliminate the need for individual surfactants and their multi-step processes, especially when producing pearlescent products. CalBlend® performance blends save on batch time, labor cost, storage space and manufacturing errors.

- **Economical** when a CalBlend® performance blend eliminates purchases and inventory of multiple individual raw materials.
- **Efficient** when most products are now produced in one step cold dilution processes.
- **Environmentally Friendly** because CalBlend® performance blends are readily biodegradable, derived using natural vegetable raw materials and energy consumption is minimized.
- **Versatile** when one CalBlend® product is the foundation of an entire product category.

The CalBlend® product offering is always growing to form the basis of more specialized formulated products, incorporating, for instance, milder or more detersive ingredients for baby and childcare applications and higher actives ingredients to provide greater formulating flexibility. Additionally, the CalBlend® system is the basis for a number of proprietary products, custom tailored for specific customers and/or applications.
CalBlend® ECO-1:
CalBlend® ECO-1 is a DEA free, economic and environmentally friendly blend of high foaming anionic surfactants together with foam stabilizers, foam enhancers and mildness providers like alkanolamides and betaines.

CalBlend® ECO-1, with cold water dilution, instantly yields formulations with viscous, copious and creamy lather, instant flash foam, soft and silky after feel and mildness characteristics. CalBlend® ECO-1 has a remarkable viscosity response with salts.

CalBlend® ECO-1 is perfect for shampoo, bath and shower gel, economy foam bath, premium foam bath, moisturizing foam bath, pet care products, hand soap and antibacterial hand soap products.
CalBlend® ECO-40D:
CalBlend® ECO-40D is an economic and environmentally friendly blend of high foaming anionic surfactants together with foam stabilizers, foam enhancers and mildness providers like alkanolamides and betaines.

CalBlend® ECO-40D produces high cleansing HI&I, personal care and pet care formulations with dense and copious foam, instant flash foam, soft and silky lather and nice after feel characteristics.

CalBlend® ECO-40D is perfect for shampoo, bath and shower gel, economy foam bath, pet care products, car care, hand soap, car wash, dish wash, laundry and all purpose cleaner products.

Salt Viscosity Curves
10, 15 & 20% CalBlend® ECO-40D

Salt Viscosity Curves
25, 30 & 35% CalBlend® ECO-40D
**CalBlend® CLEAR:**

CalBlend CLEAR is specially developed to produce high foaming formulations. CalBlend® CLEAR, with cold water dilution, yields clear and mild formulations with excellent lather, great rinsability and foam characteristics that are suitable for use in personal care and HI&I products.

CalBlend® CLEAR has excellent cost/performance characteristics, is biodegradable and derived from natural resources. CalBlend® CLEAR saves on batch time, labor cost, storage space and manufacturing errors. CalBlend® CLEAR contains no solvents or VOC’s. CalBlend® CLEAR has excellent viscosity response with salt.

CalBlend® CLEAR forms the basis of clear shampoo, clear handsoap, bath and shower gel, economy foam bath, premium foam bath, moisturizing foam bath, and antibacterial hand soap.

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**Salt Viscosity Curve**

10% CalBlend® CLEAR

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**Salt Viscosity Curve**

20% CalBlend® CLEAR
CalBlend® PEARL:
CalBlend® PEARL is a concentrated blend of surfactants specially formulated to be diluted with cold water to give a pearlized end product. CalBlend® PEARL is readily biodegradable and has excellent cost/performance characteristics. CalBlend® PEARL saves on batch time, labor cost, storage space and manufacturing errors.

CalBlend® PEARL produces high viscosity pearlescent formulations with excellent lather profile, flash foam, long lasting foam, high foam volume, soft silky after feel and great rinsability properties. CalBlend® PEARL has excellent viscosity response with salt and contains no solvents or VOC’s.
For More Information and Samples
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