PILOT® CHEMICAL COMPANY

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# CALBLEND® PSB

PRODUCT DATA SHEET

PDS 725010.5.ACTIVE.11012023

**PRODUCT DESCRIPTION**

CalBlend® PSB is an optimized blend of high foaming anionic surfactants with a nonionic foam stabilizer. This concentrated performance blend is ideally suited for making personal care and HI&I products.

**COMMON CHEMICAL NAME**

Mixture

**CAS #**

Mixture

**TYPICAL PROPERTIES**

| | |
|---|---|
| Appearance (25°C) | Clear, slight amber colored liquid |
| Solids, wt.% | 46.0 – 50.0 |
| pH (as is) | 7.5 – 9.5 |
| Viscosity (25°C), cPs | 800 – 2800 |
| Density (25°C), lb./gal. | 8.85 |
| Foam Height (25°C;1% active), mm. | Initial: 151; 5 Minutes: 145 |
| Solubility in Water | Miscible |
| Freeze Point | < - 4˚F (< - 20˚C) |
| Shelf Life | 1 Year |

**APPLICATIONS**

CalBlend® PSB is a concentrated blend of mild, high foaming and cleansing agents well suited for formulating both personal care and HI&I cleaning products. CalBlend® PSB offers high foam, mildness, creamy lather, easy rinsing, and soft, silky after-feel properties to a formulation. CalBlend® PSB is perfect for shampoo, body wash, hand soap, pet shampoo, manual dish wash and fine fabric wash.

**ADVANTAGES**

CalBlend® PSB can be cold processed and is easy to formulate with. It can be diluted with water at room temperature and the viscosity can be adjusted with sodium chloride to produce high quality, clear formulations. Using CalBlend® PSB to formulate instead of individual ingredients saves time, labor cost, storage space, rework due to manufacturing errors and handling of raw materials.

**STORAGE & HANDLING**

Please refer to the CalBlend® PSB SDS before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Spilled material is slippery on wet and hard surfaces. Store in plastic, plastic lined or stainless steel, tightly closed containers. Do not store with incompatible materials. Recommended storage temperatures are 51-100ºF, avoid excessive heat. Use mild heat and agitation to ensure the material is homogeneous before use.

**PACKAGING**

CalBlend® PSB is available in 450 lb. poly drums and 2250 lb. poly totes.

***See additional product information, at www.pilotchemical.com***

**The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.**

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