PILOT CHEMICAL COMPANY

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CALBLEND® DF

PRODUCT DATA SHEET

PDS.724904.2.ACTIVE.08162022

PRODUCT DESCRIPTION

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

COMMON CHEMICAL NAME

Mixture

CAS #

Mixture

TYPICAL PROPERTIES

Appearance (25°C)	Clear to slightly hazy, colorless to pale yellow liquid
Solids, wt.%	33.0 – 36.0
pH (10% solution)	6.0 – 8.0
Viscosity (25°C), cPs	1000 – 5000
Density (25°C), lb./gal.	8.87
Foam Height (25°C;1% active), mm.	Initial: 153; 5 Minutes: 150
Solubility in Water	Miscible
Freeze Point	22˚F (- 5.7 C)
Shelf Life	1 Year

APPLICATIONS

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

ADVANTAGES

CalBlend® DF is easy to formulate with. Viscosity can be adjusted with sodium chloride to produce high quality formulations yielding premium instant flash foam. Using CalBlend® DF to formulate instead of individual ingredients saves time, labor cost, storage space, rework due to manufacturing errors and handling of raw materials.

HANDLING & STORAGE

Please refer to the CalBlend® DF 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 tightly closed containers. Do not store with incompatible materials. Recommended storage temperatures are 51-120ºF, avoid excessive heat. Use mild heat and agitation to ensure the material is homogeneous before use.

PACKAGING

CalBlend® DF is available in 450 lb. poly drums and 2300 lb. poly totes and bulk quantities

See starting formulas and 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 confim 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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