PILOT CHEMICAL COMPANY

We're going further

www.pilotchemical.com
2744 East Kemper Road • Cincinnati, OH 45241

CALBLEND® MILD

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

CalBlend® MILD is an ultra-mild concentrated blend of surfactants specially formulated for use in the preparation of personal care and pet care products. An optimized blend of gentle foaming and cleansing agents, CalBlend® MILD is ideally suited for convenient use in the preparation of baby shampoo, baby bath, and other ultra-mild personal or pet cleansers**.** Studies performed by an independent laboratory suggest that upon proper dilution and formulation, CalBlend® MILD can yield personal cleansing products with low eye irritation. This concentrated blend offers consistent performance, along with the lower inventory and rework reductions associated with blended products, creating a more sturdy formula for your mild personal and pet care applications.

INCI NAME

Sodium Laureth Sulfate, PEG-80 Sorbitan Laurate, Lauramidopropyl Betaine, PEG-150 Distearate

TYPICAL PROPERTIES

Color	Colorless to Slight amber
Odor	Mild
Appearance @ 25°C	Clear to slightly hazy, viscous liquid
% Solids	38-40
Density (lbs/gal)	8.6
pH (10% Solution)	6.0-7.0
Viscosity @ 25°C	1000-5000 cps

APPLICATIONS

For use in Baby Shampoo, Baby Bath, Puppy Shampoo and ultra-mild Personal or Pet Cleansers. The suggested use level for CalBlend® MILD is 25-45%. The viscosity of the resulting products can be built to the desired consistency with the judicious addition of salt. With simple water dilution, CalBlend® MILD yields clear, ultra-mild formulations with excellent viscosity characteristics.

ADVANTAGES

CalBlend® MILD is readily biodegradable and has excellent cost/performance characteristics. CalBlend® MILD produces high viscosity ultra-mild baby and personal cleansers with excellent lather profile and soft and silky after feel. CalBlend® MILD saves on batch time, labor cost, storage space and manufacturing errors through formula consistency. CalBlend® MILD contains no solvents or VOC's, is naturally derived, and DEA free.

HANDLING & STORAGE

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling. Wash thoroughly after handling. Do not get in eyes. Avoid skin and clothing contact. Do not store with strong oxidizing agents. Store in plastic, plastic-lined steel or stainless steel containers. Containers should be stored at temperatures between 50ºF and 90ºF. Please refer to the MSDS before handling this material.

PACKAGING

CalBlend® MILD is available in 55-gallon drums (net weight 480 lb/218 kg), 275-gallon totes and bulk (tank rail and tank truck).

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 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.

ChemStewards® THE ROAD TO CONTINUOUS IMPROVEMENT

RESPONSIBLE CARE® OUR COMMITMENT TO SUSTAINABILITY

CalBlend® is a registered trademark of Pilot Chemical