



PALMFONATE

Guided Formulations

Gentle to Skin Liquid Dishwash

Procedure

If using **PALMFONATE 6703**: Pre-condition the **PALMFONATE** at 45 °C. Add water to the vessel, followed by Part A in sequence, stirring to allow each ingredient to fully dissolve before adding the next. Add Parts B and C ingredients in sequence, stirring to allow each ingredient to fully dissolve before adding the next. Then add desired fragrance and preservative.

If using **PALMFONATE 6709F**: Heat water in vessel to 70°C. Add Part A in sequence, stirring to allow each ingredient to fully dissolve before adding the next. Add Parts B and C ingredients in sequence, stirring to allow each ingredient to fully dissolve before adding the next. Then add desired fragrance and preservative.

Typical Properties

Appearance	Clear
Clarity (%T at 800nm)	88
pH (neat)	8 - 9
Viscosity (cP)	4500 - 5500
Stability	Pass 12 weeks at 4°C, room temperature & 45°C Pass 5 freeze-thaw cycles

Ingredients	% wt./wt.	Function
PALMFONATE 6703 6709F		
Part A		
Deionized Water	64.8 76.0	Diluent
PALMFONATE	16.7 5.5	Co-Surfactant
Part B		
Sodium Dodecylbenzene Sulfonate 50%	10.0	Surfactant
Cocamidopropyl Betaine 30%	3.0	Co-Surfactant
PALMOCOL CDEA*	4.0	Co-Surfactant
Part C		
PALMERA Glycerine*	1.5	Humectant
Part D		
Fragrance	As Needed	Fragrance
Preservative	As Needed	Preservative

*Ingredients offered by KLK OLEO

