



PALMFONATE

Guided Formulations

Plant-based and Eco-friendly Liquid Laundry Detergent

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, C and D 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, C and D ingredients in sequence, stirring to allow each ingredient to fully dissolve before adding the next. Then add desired fragrance and preservative.

Typical Properties

Appearance	Translucent
Clarity (%T at 800nm)	58
pH (neat)	5.5 - 7.5
Viscosity (cP)	1500 - 2500
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	27.2 57.2	Diluent
PALMFONATE	45 15	Co-Surfactant
TENSAGEX SLES, 25%*	16.8	Co-Surfactant
Part B		
IMBENTIN Fatty Alcohol Ethoxylate (7EO)*	7.0	Co-Surfactant
Part C		
KOTILEN Polysorbate-20*	1.0	Solubiliser
Part D		
PALMOCOL CDEA*	1.0	Viscosity Modifier
Part E		
Fragrance	As Needed	Fragrance
Preservative	As Needed	Preservative

*Ingredients offered by KLK OLEO

