



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 KKK OLEO

