

This sulfate-free economical foamer soap provides gentle hand cleansing. It contains the Empigen® BKC 50, Benzalkonium Chloride, for anti-microbial protection.

Phase	INCI Ingredients	Trade Name (Supplier)	%ww
A	Water	Water	QS to 100
A	Trisodium Ethylenediamine Disuccinate	Natrlquest E30 (Innospec)	0.10
B	Cocamidopropylamine Oxide	Empigen® OS/A (Innospec)	4.00
B	Cocamidopropyl Betaine	Empigen® BS/ON (Innospec)	6.00
B	Glycerin	Glycerin, (99.7%)	1.00
B	Benzalkonium Chloride	Empigen® BKC 50 (Innospec)	0.10
B	Phenoxyethanol (and) Ethylhexylglycerin	Lincoserve™ PE815 (Lincoln Mfg)	1.00
C	Water (and) Citric Acid	Citric Acid (50%)	QS to pH 5.50 – 6.00

Preparation Procedure and Properties

1. Charge Water into the main vessel. With moderate mixing, add the Natrlquest® E30.
2. Add Phase B sequentially while mixing. Mix until uniform.
3. Adjust the pH using Citric Acid solution.

Appearance: Clear thin liquid

pH: 5.50 – 6.00

Stability: Completed 8 weeks at 25°C, 45°C, 5°C and 3 F/T cycles

DISCLAIMER

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