

Formulation Name Shampoo with 5% Quinoa Pro EX

PRODUCT CATEGORY	Hair Care		
FORMULA CODE	JD8-55		
INCI (CTFA) NAME /CHEMICAL NAME	TRADE NAME	SUPPLIER	%

Phase A

Water	Water		25.68
Aloe barbadensis Leaf Juice	Aloe Vera Gel 10X	TRI-K	1.00
Panthenol	DL Panthenol	TRI-K	1.00
Sodium Laureth Sulfate	Galaxy LES	Galaxy Surfactant	35.00
Cocamidopropyl Betaine	Galaxy CAPB SB	Galaxy Surfactant	25.00

Phase B

Water (and) Sodium Lauroyl Lactylate (and) Sodium Lauroyl Glutamate (and) Sodium Cocoyl Isethionate	Satinfeel SMC	TRI-K	5.00
Di-Steareth 75/PDI	Dermothix 75	Alzo	1.00

Phase C

Hydrolyzed Quinoa	Quinoa Pro-EX	TRI-K	5.00
Ethylhexylglycerin (and) Methylisothiazolinone	Euxyl K 220	Schulke	0.12
Sodium Chloride	Sodium Chloride		0.50
Citric Acid	Citric acid		0.70

Procedure:

1. Begin heating the water to 65-70°C.
2. Add ingredients of phase A individually, while mixing slowly ensuring uniformity after each addition. Add ingredients of phase B. Mix until clear
3. Continue mixing and begin cooling batch to 50°C. Add phase C