

# 2 in 1 Conditioning Shampoo

A simple conditioning shampoo with nourishing *Texiterra BF Oryza* to help keep hair healthy and full of life!

Personal Care  
from Scott Bader

Formulation reference: FM00322/A

Phase	Trade Name/ Supplier	INCI Ingredients	Function	% w/w
A	Deionised Water	Aqua	Solvent	Up to 100%
	S. D. Fine	Disodium EDTA	Chelating Agent	0.10
B	Lubrizol	Acrylates/ C10-30 Alkyl Acrylate Cross Polymer	Rheology Modifier	0.30
C	Akzo Nobel	Guar Hydroxy Propyl Trimonium Chloride (GHPTC)	Rheology Modifier	0.30
D	Delta Green Science	Cocoamidopropyl Betaine	Surfactant	6.00
	Godrej	Sodium Lauryl Ether Sulfate	Surfactant	45.00
E	S. D. Fine	Cetyl Alcohol	Wax	0.60
	Otto Chemicals	Coco Mono Ethanolamide	Surfactant	2.00
	Croda	Ethylene Glycol Distearate	Pearlising Agent	0.30
	Dow Corning	Dimethicone	Silicone/ Emollient	0.75
F	Delta Green Science	Polyquaternium 44	Conditioner	1.00
	<b>Texiterra BF Oryza (Scott Bader)</b>	<b>Bacillus / Rice Ferment Filtrate (and) Glycerin (and) Benzyl Alcohol (and) Lactic Acid</b>	<b>Active</b>	<b>2.00</b>



## Method

1. Combine phase A with mixing in main vessel. Sprinkle in phase B and homogenise gently until dispersed and uniform.
2. Sprinkle in phase C and homogenise gently until dispersed.
3. Add phase D to main vessel and mix until uniform. Start heating to 75 - 80°C.
4. In a separate vessel combine phase E and heat to 75 - 80°C.

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Phase	Trade Name/ Supplier	INCI Ingredients	Function	% w/w
	Delta Green Science	Panthenol	Active/ Vitamin B5	0.60
	Green Infusion (Ultra International)	Parfum	Fragrance	0.50
	KOPTBC/ KRC	Triethyl Citrate (and) Benzoic Acid (and) Caprylyl Glycol	pH Adjuster	1.00
	S. D. Fine	Phenoxyethanol	Preservative	0.50

## Method

- At temperature add step 4 materials (phase E) into step 3 materials and homogenise until smooth and uniform.
- Cool to below 40°C with mixing.
- At below 40°C add phase F materials individually, with mixing between additions. Mix until smooth and uniform.

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