



Cold Process Sulphate Free Shampoo/ Bodywash Bar

Formulation reference: FM00144/B

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
A	Sodium Cocoyl Isethionate Powder	Sodium Cocoyl Isethionate	Surfactant	37.00	Bay House Ingredients
	Sodium Lauryl Sulfoacetate Powder	Sodium Lauryl Sulfoacetate	Surfactant	20.00	Bay House Ingredients
	Corn Starch	Zea Mays (Corn) Starch	Bulking Agent/ Moisture Absorber	8.00	Cosmetics Made Easy
	White Clay	Kaolin	Bulking Agent/ Moisture Absorber	4.00	Aromantic
	Citric Acid Monohydrate Granular	Citric Acid	pH Adjuster	0.25	Evonik
	Texique CS-P	Starch Hydroxypropyltrimonium Chloride	Conditioner	3.00	Scott Bader
B	Texiterra Raspberry Seed Oil	Rubus Idaeus Seed Oil	Emollient/ Softening/ Shine	2.00	Scott Bader
	Texiterra Marula Oil	Scierocarya Birrea Seed Oil	Emollient/ Softening/ Shine/ Nourishing	1.50	Scott Bader

A versatile rich foamy shampoo bar which can also be used as a bodywash. Simple to make, cold process and sulphate free! With conditioning ingredient **Texique CS-P**, which helps improve hair wet and dry comb. Contains nourishing **Texiterra Marula Oil** to leave hair silky-soft and **Texiterra Raspberry Seed Oil** which helps improve hair shine.





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	Benzoin Mobile Oil	Styrax Benzoin Gum Extract (and) Dipropylene Glycol	Essential Oil/ Fragrance	1.50	Bay House Ingredients
	Patchouli Essential Oil	Pogostemon Cablin Leaf Oil	Essential Oil/ Fragrance	1.00	Bay House Ingredients
	Tego Betaine F50	Cocomidopropyl Betaine (and) Aqua (and) Sodium Chloride	Surfactant	6.75	Evonik
	Decyl Glucoside	Decyl Glucoside (and) Aqua	Surfactant	14.00	Bay House Ingredients
	Euxyl K 903	Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol	Preservative	1.00	Ashland

Method

1. Whilst wearing a dust mask weigh out phase A powders into a suitable vessel. Stir to combine uniformly. Powders may be sieved during addition to ensure no lumps.
2. Add phase B materials individually.
3. Stir well with a silicone spatula to combine all wet and dry materials. Whilst wearing gloves blend thoroughly with hands until uniform and a stiff, easily mouldable paste is formed.
4. If the paste is too sticky, add more corn starch or white clay. If paste is too dry add more cocomidopropyl betaine.
5. Shape bar by hand or press into a mould. Leave for 3 hours.
6. Unmould the bar and leave to dry for at least 3 days.
7. Test pH by shredding small amount of bar and making a 10% solution. pH specification: 5.00 to 6.00

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