



Cold Process Sulphate Free Shampoo/Bodywash Bar

Formulation Reference: FM00144/B

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.

Phase	INCI Ingredients	Function	% w/w	Trade Name
A	Sodium Cocoyl Isethionate	Surfactant	37.00	Sodium Cocoyl Isethionate Powder ¹
	Sodium Lauryl Sulfoacetate	Surfactant	20.00	Sodium Lauryl Sulfoacetate Powder ¹
	Zea Mays (Corn) Starch	Bulking agent / moisture absorber	8.00	Corn Starch ²
	Kaolin	Bulking agent / moisture absorber	4.00	White Clay ³
	S starch Hydroxypropyltrimonium Chloride	Conditioner	3.00	Texique CS-P ⁴
	Citric acid	pH adjuster	0.25	Citric acid monohydrate granular ⁵
B	Rubus Idaeus Seed Oil	Emollient / softening / shine	2.00	Texiterra Raspberry Seed Oil ⁴
	Scierocarya Birrea Seed Oil	Emollient / softening / shine/ nourishes	1.50	Texiterra Marula Oil ⁴
	Styrax Benzoin gum extract (and) Dipropylene Glycol	Essential Oil / Fragrance	1.50	Benzoin Mobile Oil ¹
	Pogostemon cablin Leaf Oil	Essential Oil / Fragrance	1.00	Patchouli Essential Oil ¹
	Cocomidopropyl Betaine (and) Aqua (and) Sodium Chloride	Surfactant	6.75	Tego Betaine F50 ⁵
	Decyl Glucoside (and) Aqua	Surfactant	14.00	Decyl Glucoside ¹
	Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol	Preservative	1.00	Euxyl K 903 ⁶



Suppliers: ¹ Bay House Ingredients | ² Cosmetics Made Easy | ³ Aromatic Online | ⁴ **Scott Bader** | ⁵ Evonik |
| ⁶ Ashland |

Preparation procedure

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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