

Spec Chem Industry Inc.

Shilin Industrial Park, No.10 Wanshou Road,
Jiangbei New Area, Nanjing, P.R. China
+86 25 84523390 84523391
sc@specchemind.com
www.specchemind.com

Bamboo Charcoal Scrub Cream

(2% SpecKare® BCP3)

Features:

Apply to the face and gently massage to remove dead skin, cleansing the skin and allowing it to breathe again.

Phase	Product Name	INCI Name	w/w%	Function
A	Glycerin		10	Humectant
	Hydroxypropyl Methylcellulose		0.5	Thickener
	SpecThem® XTG200	Xanthan Gum	0.2	Thickener
	Water		To 100	
B	SpecSufc® APG1214	Lauryl Glucoside	5	Nonionic Surfactant
C	Stearic Acid		4	Emulsifier
	SpecThem® GMS	Glyceryl Stearate	3	Emulsifier
	SpecThem® C1618	Cetearyl Alcohol	3	Hydrophilic Thickener
	SpecSufc® M68	Cetearyl Glucoside & Cetearyl Alcohol	2	Emulsifier
D	Citric Acid (20%liquid)		pH to 5.5-6.5	pH Adjuster
E	SpecKare® PQ-39	Polyquaternium-39	0.5	Film-forming agent
	Disodium EDTA		0.1	Chelating Agent
	SpecKare® DPA	Panthenol	0.5	Humectant
	ParbFree® PCG	Caprylyl Glycol & Phenoxyethanol	0.7	Preservative
	SpecKare® BCP3	Charcoal Powder	2	Absorbent
	Prunus Amygdalus Dulcis (Sweet Almond) Shell Powder		1	Abrasive
	Fragrance		0.1	

Procedure:

- Mix part A and heat to 80 °C, stirring until completely dissolve, add part B;
- Disperse the part C, then add part C, homogenize for 2 min;
- Cool the base below 60 °C, then add part D;
- Cool the base below 45 °C, then add part E, stirring until room temperature.

Properties:

Appearance	Black cream
pH	5.91 (1:10 aqueous solution)
Viscosity	10920 (25 °C, 4 #, 30 rpm ,mpa.s)
Stability	45 °C for a month; -18 °C for a month