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FACT SHEET

BTMS

Description: BTMS Conditioning emulsifier. This easy-to-use conditioning emulsifier is perfect for both hair and skin applications.

INCI Name: Behentrimonium Methosulfate (and) Cetearyl Alcohol

Use: Recommended usage rate: Up to 10%

Properties: It is excellent in hair-care products where de-tangling and conditioning properties are desired. In creams and lotions, BTMS imparts a silky, powdery feel on the skin.

Applications: Hair Care products, Creams & Lotions

Sample Recipe: *Smooth & Silky Hair Conditioner*

Part A

Distilled Water 80.7% = 403.5 grams
Chamomile Infusion 5% = 25 grams
DI Panthenol 2% = 10 grams
Hydrolyzed Oats 2% = 10 grams

Part B

BTMS-Conditioning Emulsifier 5.0% = 25 grams
Argan Oil 2% = 10 grams

Part C

Dimethicone 2% = 10 grams
EO/FO 1% = 5 grams
GFphen PCG 0.3% = 1.5 grams

Method

Combine and heat Part A to 75C/170F. Carefully heat Part B until BTMS is melted approximately 170F/75C. Add Part A to B with mixing. Continue to mix until cool. At 50C/122F(or less), add Part C with mixing.

This sample recipe is provided as a guide. Gracefruit Limited makes no guarantees with regard to the outcome or effectiveness of any of our formulations. Gracefruit Limited accepts no responsibility for the mishandling or misuse of any of our products. It is the customer's responsibility to test compatibility before proceeding with manufacture using our raw materials and/or packaging materials. Gracefruit Limited cannot be held liable for products made using our formulas, raw materials, or packaging materials.

