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## **FACT SHEET**

### **BTMS-50**

**Description:** BTMS-50 is a vegetable based conditioning emulsifier.

**INCI Name:** Behentrimonium Methosulfate (and) Cetyl Alcohol (and) Butylene Glycol

**Use:** up to 10%

**Properties:** A gentle emulsifying and conditioning agent, perfect for both hair and skin applications. It leaves skin feeling silky smooth and provides skin with a softer, powdery feel. Conditions hair, leaving it tangle-free and feeling silky smooth.

**Applications:** Leave-on formulations such as lotions, conditioners, 2 in 1 shampoos and body butters.

#### **Sample Recipe:**

##### *Conditioner*

Distilled water (82.5%)  
Liquid Silk (0.5%)  
Glycerine (5%)  
BTMS - 50 Emulsifier (6%)  
Jojoba Oil (3%)  
Sweet Almond Oil (1%)  
GFphen PCG (1%)  
Fragrance or Essential Oil

##### Method

Combine ingredients over heat on medium and heat until all solids are dissolved, stirring frequently. Hold temperature for 10 minutes. Remove from heat and allow to cool until below 140 degrees. Add preservative and fragrance. While your conditioner is warm, pour it into bottles.

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.