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### **FACT SHEET** **CETEARYL ALCOHOL**

**Description:** A vegetable-derived fatty alcohol used to thicken and stabilise formulations. Imparts a smooth, velvety feel to the skin. Works in both in water-in-oil emulsions and oil-in-water emulsions.

**INCI Name:** Cetearyl Alcohol NF

**Use:** Recommended usage rate: Up 20%

**Properties:** It can be used to impart a beautiful viscosity and stability to your products.

**Applications:** Hair & Skincare, lotions, body butters, and scrubs.

**Sample Recipe:** *Face Mask*

#### **Phase A:**

Jojoba Oil - 2%  
Cetyl Alcohol - 2%  
Cetearyl Alcohol - 3%

#### **Phase B:**

Hot Distilled Water - 65.3%  
Xanthan Gum - 0.5%  
Sorbitol - 2%

#### **Phase C:**

White Clay - 18%

#### **Phase D:**

Silk Protein Liquid - 3%  
Hydrolysed Oat Infusion - 3%  
GFguard COS - 1%  
Fragrance - 0.2%

#### **Method**

Put phase A into a heat-resistant glass jar and place it in a hot water bath (150oF/66oC) to melt the ingredients. Put phase B into a separate jar and stir with high speed to dissolve the gum, heat it to the same temperature. Add phase B to phase A and stir until it is a homogenous solution. Add phase C to phase A/B and stir. After temperature has dropped to 100oF/38oC add phase D and stir again.

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.

