

# Developmental Technical Data Sheet



**SurfaTech Corporation**

1625 Lakes Parkway Ste N

Lawrenceville, GA 30043

(770) 876-6983

(New: 08/01/2012)

**High Definition Polymers®**

## Product Name: CosmoSurf® DDG-20

SurfaTech Corporation has developed a series of patented pending products that are derived from natural raw materials and can be used to provide outstanding skin aesthetics, barrier properties and film formation. The material is a polar water insoluble, alcohol soluble polyester that provides outstanding emolliency on the skin. The unique solubility suggests the use of the material in alcoholic systems.

**Proposed INCI:** *Octyl dodecyl /propane diol / dimer dilinoleate coolymer (proposed)*

### **Natural derived**

CosmoSurf® DDG-20 is derived from four raw materials, including coconut oil, 1,3 propane diol and dimer acid.

### **Typical Properties**

<b>Property</b>	<b>Result</b>
<b>Appearance</b>	<b>Liquid</b>
<b>Foreign Matter</b>	<b>Free of</b>
<b>Color</b>	<b>4 (gardner)</b>

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## **ComoSurf ® DDG-20**

### **Applications**

CosmoSurf DDG-20 is recommended for use in hair care, skin care, sun care for water resistance and for elimination of the dry feel encountered in many formulations. It also provide water resistance properties to sun care formulations.

CosmoSurf DDG-20 is recommended for use in pigmented products to improve transfer resistance, in pressed powders.

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