

## TECHNICAL DATA SHEET

### PRODUCT IDENTIFICATION

<b>Trade name:</b>	<b>BEAUTYDERM K10</b>
<b>Use:</b>	Emulsifier system O/W. For cosmetic use.
<b>CA\$ number:</b>	246159-33-1; 223706-40-9; 67762-27-0
<b>INCI name:</b>	CETEARYL GLUCOSIDE, SORBITAN OLIVATE, CETEARYL ALCOHOL
<b>IUPAC/chemical name:</b>	Olive oil fatty acid, Cetyl ether + D-Glucitol, 1,4-anhydro-, 6 monoester with olive oil fatty acids
<b>Origin (XXII Dir.):</b>	vegetal / synthetic

### GENERAL CHARACTERISTICS (not intended as specification)

<b>Aspect at 25°C:</b>	solid waxy flakes
<b>Color:</b>	ivory
<b>Odour:</b>	light, characteristic
<b>Melting point (° C):</b>	55 – 60
<b>Density at 25 °C (g/ml):</b>	1.07 – 1.09
<b>Water (K.F.), %:</b>	< 1,0
<b>pH (solution 5 %):</b>	5.5 – 7.5
<b>HLB:</b>	9.5 (sperimental)
<b>Acidity number (mg KOH/g):</b>	< 5.0
<b>Saponification number (mg KOH/g):</b>	90 - 120
<b>IR identification:</b>	available on demand

### SOLUBILITY

<b>Soluble:</b>	in water and in ethanol
<b>Dispersible:</b>	in vegetal and mineral oils

### STORAGE

If stored properly and kept in sealed packaging, the product maintains its characteristics for at least 24 months.