

Emulsifiers, Emollients, Conditioners, and Thickeners – Functionality

	Self-Emulsifier for Creams/Lotions	Low HLB Emulsifier	High HLB Emulsifier	Solubilizer	Thickener Emulsions	Thickener Shampoo & Body Wash	Emulsion Stabilizer	Conditioner	Emollient	Natural Source
Acacia Gum	(needs co-emulsifier for emulsions)			X			X	X		X
AquaEm			X	X				X	some	
Behenyl Alcohol					X		X	X	X	X
BTMS	X		X		X			X	X	X
Cellulose Gum					X	X	X			X
Ceteareth 20			X							
Cetearyl Alcohol					X	some	X	X	X	X
Cetyl Alcohol					X	some	X	X	X	X
Cetyl Esters					X	some		X	X	
CocoEm WS				X				X	X	X
EmEster								X	X	
Emulsifying Wax NF	X		X		X			X	X	X
Glyceryl Stearate		X			X		X			X
GuarSilk						Some		X		X
GuarThix					X	X	X			X
HEC					X	some	X			X
HPMC					X	some	X			X
NatraMulse	X				X	Some		X	X	X
Olive Oil PEG 7 Ester			medium	some		some			X	X
Olivem	X				X		X	X	X	X
PEG 150 Distearate						X				
Polyquaternium 7								X	X	
Polysorbate 20			X	X						X
Polysorbate 60			X							X
Polysorbate 80			X	X						X
Raspberry Dimethicone WS				X				X	X	
Sodium Alginate					X		X		X	X
Sodium Behenoyl Lactylate			Medium		X	Some	X	X	X	X
Sodium Stearoyl Lactylate			medium		X	Some	X	X	X	X
Sorbitan Oleate		X								X
Sorbitan Stearate		X								X
Soy Lecithin HLB 4		X								X
Soy Lecithin HLB 7			medium							X
Stearic Acid					X		X			X
Stearyl Alcohol					X		X	X		X
UltraMaize	X				X	X	X	X	X	X
VegeThix					X			some	X	X
VenaSilk					X	some	X	X	X	X
XanThix				X	X	X	X			X
Shea Butter WS								X	X	X