

Cocamide DEA Replacement



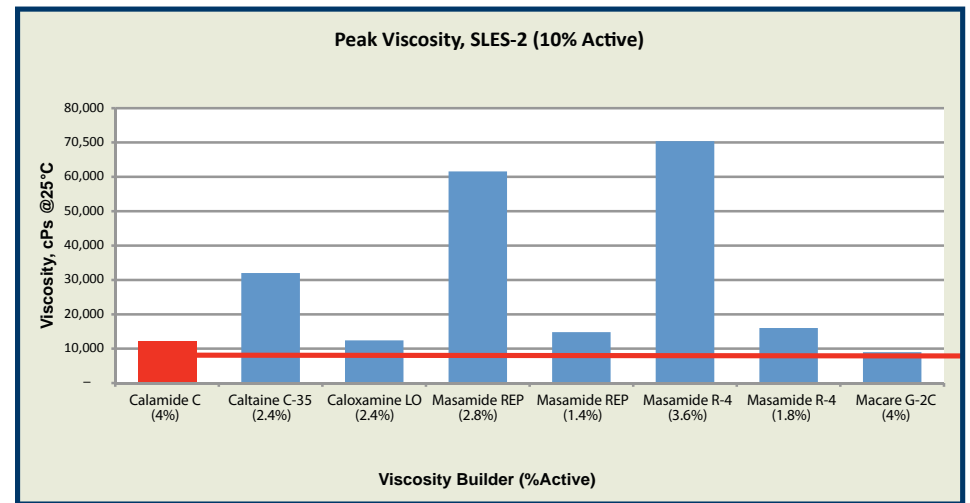
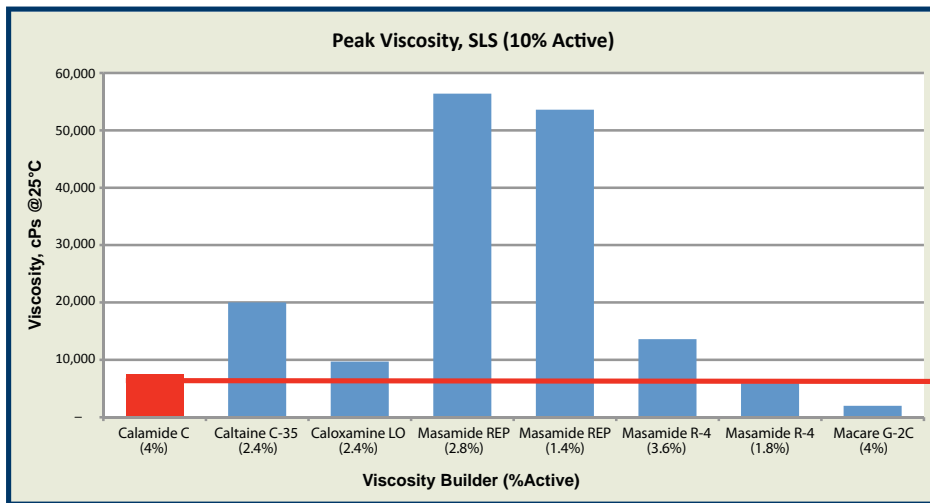
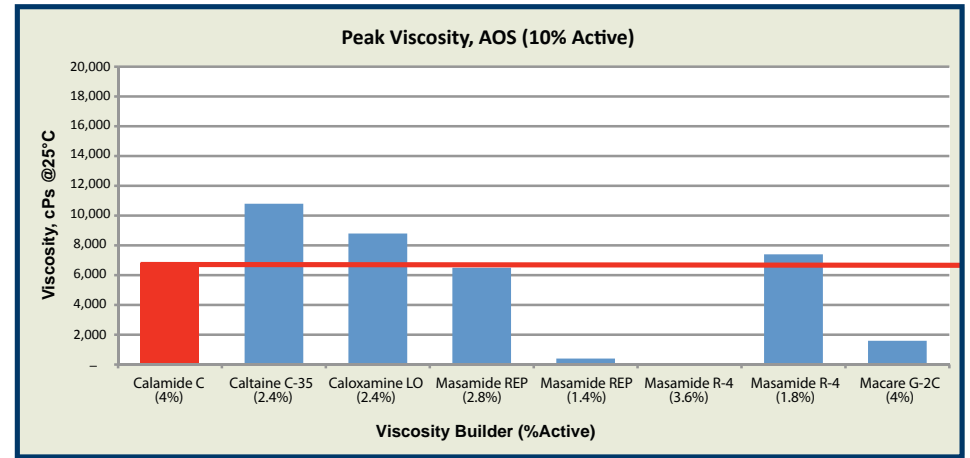
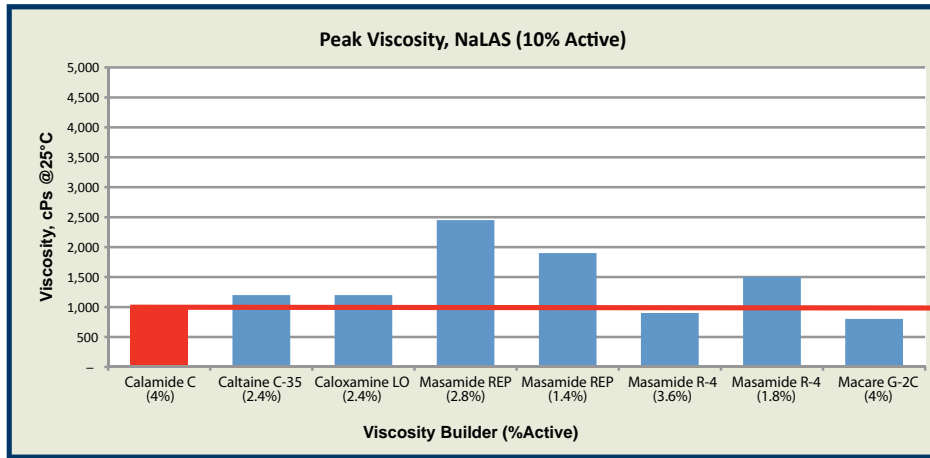
Pilot Chemical's DEA-Free viscosity building thickeners offer naturally derived foam boosting characteristics built to enhance your Personal Care product line. Available in a variety of active levels and compatible with a wide range of primary surfactants, Pilot's line of DEA-Free thickeners are readily formulated to take your product development further.

Product	Chemical Name	Description	Applications
Caltaine C-35	Cocamidopropyl Betaine	Mild viscosity building and foam boosting agent that is fully compatible with anionic, nonionic, and amphoteric surfactants.	Body Wash, Shampoo, Facial Cleansers, Bubble Bath, Hand Soap, Baby Wash
Physical Form/Activity			
Liquid/30%			
Product	Chemical Name	Description	Applications
Caloxamine LO	Lauramine Oxide	Offers great cleansing, emulsification, and viscosity building characteristics. Fully compatible with anionic, nonionic, and amphoteric surfactants. Provides outstanding foam volume, foam stabilization, and foam boosting properties. Stable in low and high pH formulations.	Body Wash, Shampoo, Hand Soap
Physical Form/Activity			
Liquid/30%			
Product	Chemical Name	Description	Applications
Masamide REP	Surfactant Blend	High foaming thickener with excellent wetting, detergency, and foaming characteristics. Displays great solubility and stability in alkaline and high electrolyte systems and is 1,4-Dioxane Free. This multifunctional blend can be used as a stand alone surfactant or with amphoteric, nonionic, cationic, and anionic surfactants.	Body Wash, Shampoo, Facial Cleansers, Hand Soap
Physical Form/Activity			
Liquid/36%			
Product	Chemical Name	Description	Applications
Masamide R-4	PEG-4 Rapeseedamide	Unique thickening, foam boosting, foam stabilizing, and solubilizing properties. Naturally derived from the renewable vegetable lipid found in rapeseed oil. Mild surfactant with good skin cleansing properties, while providing a smooth after feel.	Body Wash, Shampoo, Facial Cleansers, Hand Soap
Physical Form/Activity			
Liquid/90%			
Product	Chemical Name	Description	Applications
Macare G-2C	Glycereth Cocoates	Unique thickening, foam boosting, foam stabilizing, and emollient properties. Provides low color and is naturally derived from components found in coconut oil.	Shampoo, Mild Skin Cleaners, Hand Soap, Shave Gels, Skin Lotions, Body Wash, Bath Oils
Physical Form/Activity			
Liquid/100%			

Pilot's DEA-Free thickeners were compared to a Cocamide DEA Amide, Calamide C, to measure performance across industry standard primary surfactants.

Testing Method

Peak Viscosity was measured using 10% Active primary surfactant, then adding the viscosity builder and water to create a 100% total solution. Sodium chloride was incorporated at 0.5% increments until peak viscosity was reached.



The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued

