



Cola[®] Det ANA

CTFA/INCI: Ammonium Laureth Sulfate, Ammonium Lauryl Sulfate, Cocamidopropyl Betaine, Cocamid DEA, Water

DESCRIPTION

The benefits of anionic/nonionic/amphoteric blends and their usage in cosmetics have been well documented. **Cola[®] Det ANA** is a blend of anionic, nonionic, amphoteric surfactants, which has been designed to give a formulator an easy starting point for the creation of body soaps, hand soaps, shampoos and bubble bath. With the addition of perfume, color and other minor ingredients, as detailed below, elegant and complete products can be easily created. These products will produce luxuriant foam and will leave a smooth after-feel on skin and hair.

TYPICAL PROPERTIES

Appearance	Yellow liquid
% Solids	41.0
pH (10% aq.)	6.5
Viscosity @ 25°C in cps	3000

Cola[®] Det ANA SALT RESPONSE

%NaCl	% Product		
	20%	30%	40%
0	<100	200	3,480
0.5	<100	1,200	13,200
1.0	840	8,800	17,600
1.5	3,500	11,500	11,500
2.0	5,800	8,000	4,200

Viscosity in cps

TYPICAL STARTING FORMULATIONS

	Liquid Hand Soap	Hair Shampoo	Body Shampoo	Work Soap
Water	64.3	64.8	56.2	61.5
Ethyl Glycol Monostearate	0.7			
Hydrolyzed Animal Protein		0.1		
Glycerin			1.0	
Anhydrous TKPP				0.2
Cola[®] Det ANA	35.0	35.0	42.0	37.5
Preservative	0.1	0.1	0.1	0.1
Trisodium EDTA		0.05		
Sodium Chloride	.1-.5	.5-1.0	.3-.7	

Finished Appearance	Pearlescent	Clear	Clear	Clear
% Solids	15.5	15.0	17.5	17.0
pH as is	5.2	5.9	5.2	7.2
Viscosity @ 25°C	2000-2500	8000-9000	5000-6000	950-1050

LAST UPDATED 07/13/2006

WARRANTY

Colonial Chemical guarantees that its products meet published specifications. No other warranties or guarantees are expressed or implied because the use of this material is beyond the control of Colonial Chemical.

Colonial Chemical, Inc.

www.colonialchem.com



ColonialChemical, Inc.