



# Cola<sup>®</sup>Det BSC-ND

DEA-Free Mild Pet Shampoo Concentrate

**INCI NAME** Sodium Laureth Sulfate *and* Disodium Oleamido-MEA Sulfosuccinate *and* Disodium Cocoamphodiacetate *and* Cocamidopropyl Betaine

**CAS NUMBER** 9004-82-4; 68479-64-1; 68650-39-5; 61789-40-0

**LISTINGS** TCSA (USA); REACH-Preregistered; (EU); NDSL (Canada); AICS (Australia); PICCS (Phillipines); NZIoC (New Zealand)



**ADDITIONAL** All ingredients are registered "EPA Inert Use Acceptable – Nonfood applications only" - includes applications for flea and tick shampoos for pets.

Cola<sup>®</sup>Det BSC-ND is a DEA-free, anionic and amphoteric concentrated blend of mild surfactants. With only dilution and minor additives, Cola<sup>®</sup>Det BSC-ND can be economically formulated into marketable pet products that provide mildness while offering foam and viscosity equal or greater than leading brand pet shampoos.

All materials that compose Cola<sup>®</sup>Det BSC-ND are Registered EPA Inert Ingredients. Using Cola<sup>®</sup>Det BSC-ND, formulations for disinfectanting, sanitizing, and flea and tick products for pets are already adopting the necessary ingredients to meet EPA approval in the finished product.

Cola<sup>®</sup>Det BSC-ND has low irritation properties making it ideal for mild cleansing products and can also be used in baby, children and adult products for sensitive skin.

### BENEFITS

- Thick, rich lather
- Mild to skin and eyes
- Easily builds viscosity

### TYPICAL PROPERTIES

Appearance	Clear Liquid
pH, as is @ 25°C	7.5
Viscosity @ 25°C	2000
Solids, %	48.0
Color, Gardner '98	2
Ross Miles Foam Height (mm) @ 1% active	
Immediate	190
1 min.	170
5 mins.	165

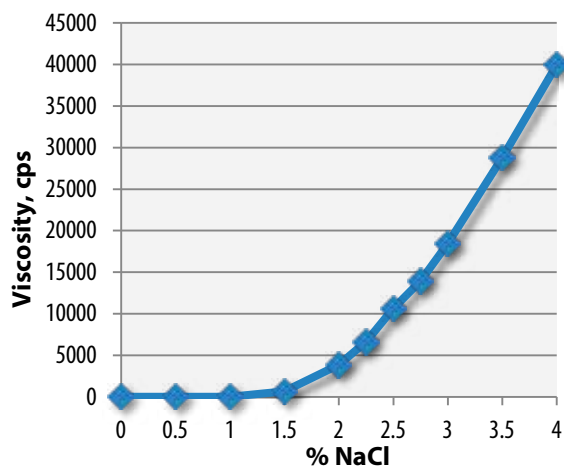


### SUGGESTED USE LEVELS

Pet Shampoo	20% - 30%
Hand Soap	10% - 20%
Body Wash	20% - 40%

### VISCOSITY PERFORMANCE

Cola<sup>®</sup>Det BSC-ND @ 20% dilution



Cola®Det BSC-ND means “just add water, preservative, fragrance, dye and done.” Best of all, it’s DEA-Free – so no worry about Prop 65 warnings.

### FORMULATION

#### Mild All-Purpose Pet Shampoo

#7003

INGREDIENT	%
1 Water	qs to 100.00
2 <b>Cola®Det BSC-ND</b> (Sodium Laureth Sulfate and Disodium Oleamido-MEA Sulfosuccinate and Disodium Cocoamphodiacetate and Cocamidopropyl Betaine)	20.0
3 Sodium Chloride	qs
4 Fragrance, Dye, Preservative	qs

**Procedure:** Combine water and Cola®Det BSC-ND with good mixing. Adjust to desired viscosity with sodium chloride. Adjust to desired pH (6.5 – 7.5) with citric acid. Add remaining ingredients while mixing.

**Typical Properties:**

Appearance: Clear Liquid

pH: 7.5

Viscosity: 4000 cps



### STORAGE AND HANDLING

Cola®Det BSC-ND should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

### PACKAGING

Cola®Det BSC-ND is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg).



## Colonial Chemical

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*Innovative Specialty Surfactants*