



Cola[®]Teric 2C-LV

Amphoacetate Surfactant

INCI NAME Disodium Cocoamphodiacetate

CAS NUMBER 68650-39-5

LISTINGS USA (TSCA); EU (REACH); Canada (DSL); Australia (AICS); Philippines (PICCS); Korea (KECI); New Zealand (NZIoC); China (IECSC)

Cola[®]Teric 2C-LV is a coco imidazoline-derived dicarboxylic acid amphoteric. Cola[®]Teric 2C-LV is a low viscosity process modification of Cola[®]Teric 2C that allows for handling without the need for heat and permits cold mix formulations - and easier to empty from containers. It is more versatile and tolerant of other additives permitting greater formulation latitude.

Cola[®]Teric 2C-LV is one of mildest amphoteric surfactants of its class, provides a moderate lather and cleans without removing dermal lipids from the skin to give a rich, conditioning effect. It is stable over a wide pH range and useful for institutional cleaners.



APPLICATIONS

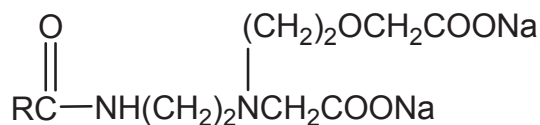
- Shampoos
- Bath products
- Hand and facial cleansers
- Baby wipes
- Mild personal care products
- Food preparation area cleaners
- Hospital cleaners
- Hard surface cleaners

BENEFITS

- Counter-irritants for harsh surfactants
- Excellent flash foam and lathering properties
- Effective viscosity modifiers
- Compatible with all surfactant types
- Contribute mild detergency
- Non-irritating to eyes and skin
- Couple cationics into anionic based systems
- Hard water and soap tolerant

TYPICAL PROPERTIES / STRUCTURE

Appearance	Clear Liquid
pH, 10% aqueous	8.5
% Solids	50.0
NaCl, %	12.0
Color, Gardner '98	5 Max.
Viscosity @ 25°C	700 Max.

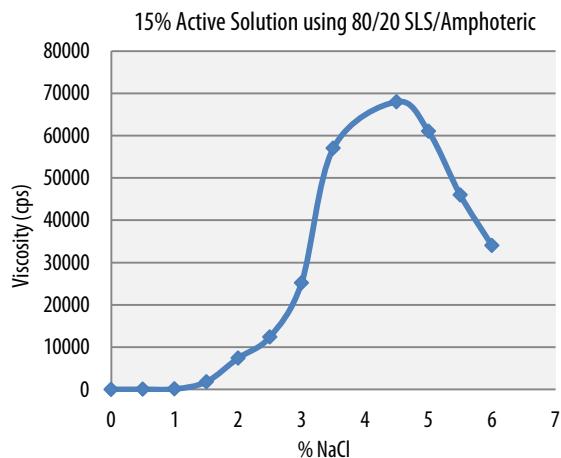


Where RCO⁻ represents the fatty acids derived from coconut oil

SUGGESTED USE

Shampoos and hand soaps 5% -25%; bath products 10%-30%; body washes 5%-30%; moistened wipes 1%-4%; hospital cleaners 1%-5%; hard surface cleaners 1%-3%.

SALT PERFORMANCE TEST



FORMULATION

Ultra Mild Color Protection Shampoo

INGREDIENT	%
1 Water	qs to 100.00
2 Suga®Nate 160 NC	36.00
3 Cola®Teric LMB	12.00
4 Cola®Lipid C	2.00
5 Mirasil® ADME-P	2.00
6 Pationic SSL	0.50
7 Poly Suga®Mulse D9	0.50
8 Cola®Teric 2C-LV	10.00
9 Preservative, Fragrance	qs

Procedure:

Combine Water, Suga®Nate 160NC, Cola®Lipid C, and Mirasil ADME-P in order while mixing. Begin heating to 60°C. Add Cola®Teric LMB, Pationic SSL, Poly Suga®Mulse D9, and Cola®Teric 2C-LV. Once the Pationic SSL is incorporated, cool below 50°C and add fragrance and preservative.

Typical Properties:

Appearance: Clear Liquid pH: 6.0

Viscosity: 5,000 – 7,000 cps



Readily biodegradable per OECD 301 methods. This product meets the criteria for a surfactant under the EU Detergents Regulation (EC) 648/2004.

STORAGE / HANDLING

Cola®Teric 2C-LV should be stored in closed containers. Shipped in 55 gallon poly drums (net weight 450 lb/204.1 kg) and totes (net weight 2250 lb/1020.5 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.



Colonial Chemical

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Innovative Specialty Surfactants