



# Cola<sup>®</sup>Teric CDCX-50

## Cola<sup>®</sup>Teric CDCX-LV

CTFA/INCI NAME: Disodium Cocoamphodiacetate

### DESCRIPTION

**Cola<sup>®</sup>Teric CDCX-50** and **Cola<sup>®</sup>Teric CDCX-LV** are chemically described as coco imidazoline derived dicarboxylic acid amphoterics. **Cola<sup>®</sup>Teric CDCX-LV**, a low viscosity process modification of **Cola<sup>®</sup>Teric CDCX-50**, allows for handling without the need for heat and permits cold mix formulations. These products are ideal for use in shampoos, bath products, hand and facial cleansers, baby wipes, and other mild personal care products.

### TYPICAL PROPERTIES

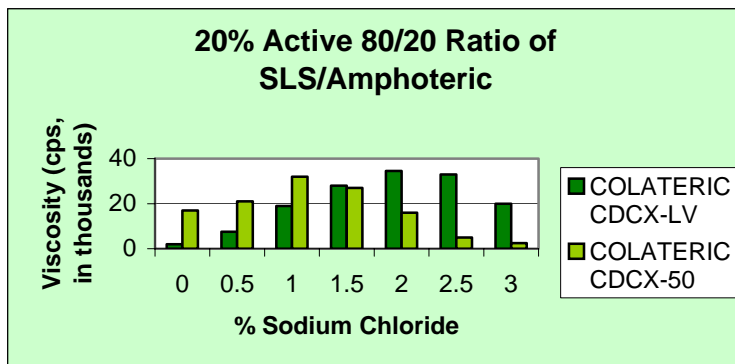
	<b>CDCX-50</b>	<b>CDCX-LV</b>
Appearance @ 25°C	Clear Viscous Liquid	Clear Liquid
% Solids	50	50
% Sodium Chloride	12	12
pH (10% Solution)	8.5	8-9
Viscosity @ 25°C (cps)	4500	500

### 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

### VISCOSITY RESPONSE

Although the same chemically, **Cola<sup>®</sup>Teric CDCX-LV** has slightly different formulation properties than **Cola<sup>®</sup>Teric CDCX-50**. It is more versatile and more tolerant of other additives permitting greater formulation latitude.



## TYPICAL FORMULATIONS

### Shampoo for Permed or Color Treated Hair

	<u>% by weight</u>
Water	35.5
Colonial SLES-2 (30%)	40.0
Cola <sup>®</sup> Teric CDCX-LV	16.0
Cola <sup>®</sup> Quat L-35	1.5
Cola <sup>®</sup> Mate SS-40	<u>7.0</u>
	100.0

**Procedure:** Add ingredients in the order listed with agitation. Adjust pH to 6.0. Add color, fragrance and preservative.

**Appearance:** Clear Liquid

**Solids (%):** 21

**Viscosity @ 25°C:** 10,500 cps

**Comments:** This formulation will not strip permed or colored treated hair and will leave hair highly manageable.

### Facial Cleanser for Sensitive Skin

	<u>% by weight</u>
Water	56.0
Colonial SLES-2 (30%)	27.0
Glycerin	5.0
Cola <sup>®</sup> Teric CDCX-50	10.0
Cola <sup>®</sup> Lipid C	<u>2.0</u>
	100.0

**Procedure:** Add ingredients in the order listed with agitation. Adjust pH to 5.5. Add color, fragrance and preservative.

**Appearance:** Clear Liquid

**Solids (%):** 17

**Viscosity @ 25°C:** 7,000 cps

**Comments:** This mild cleanser removes make-up from facial pores, while imparting a soft and velvety feel to the skin.

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.

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