



# Cola<sup>®</sup>Lux CAO-35

High-Foaming Surfactant

<b>INCI</b>	Cocamidopropylamine Oxide
<b>CAS</b>	68155-09-9
<b>LISTINGS</b>	Canada (DSL); US (TSCA); Australia (AICS); China (IECSC / IECIC); Philippines (PICCS); New Zealand (NZIOC); Taiwan (TCSI)

**Cola<sup>®</sup>Lux CAO-35** is a multi-functional amine oxide that provides good detergency, exceptionally high foaming, and viscosity control properties. When combined in the proper ratio with alkyl sulfates or alkyl ether sulfates, Cola<sup>®</sup>Lux CAO-35 can be used to develop clear, mild, low pH shampoos/cleansers with substantial conditioning properties. It is useful in a variety of personal care and household applications.

## BENEFITS

- Viscosity modifier
- Foam enhancer/stabilizer
- Detergent
- Conditioner
- Emollient
- Reduces static electricity
- Anti-Irritant
- Corrosion inhibitor
- Peroxide stable

## APPLICATIONS

- Hand Soaps
- Shampoos
- Hair Conditioners
- Bubble Baths
- All-Purpose Cleansers
- Antiseptic Hand Washes

## BIODEGRADABILITY

Cola<sup>®</sup>Lux CAO-35 is biodegradable.

## TYPICAL PROPERTIES

Appearance @ 25°C	Clear Liquid
Amine Oxide	33.0
pH (as is)	7.5
Color, Gardner '98	1 Max.

- **High Purity - does not contain detectable\* amount of nitrosamine contaminant.**

\* <10 ppb reporting limit of 3rd party analysis

## Foaming Hand Soap

No. 4022

Produces a dense, cushiony foam, using mild, high foaming surfactants to minimize irritation and allow for repeat washing without causing excessive dryness. This formulation supports the optional addition of active ingredients for OTC antiseptic hand washes.

	TRADE NAME / INCI NAME	%
1	Water	qs to 100.00
2	Glycerin	2.00
3	<b>Cola<sup>®</sup>Lux CAO-35</b> / Cocamidopropylamine Oxide	6.00
4	<b>Poly Suga<sup>®</sup>Quat TM8610P</b> / Polyquaternium-77	2.00
5	<b>Zemea<sup>®</sup></b> / Propanediol	0.50
6	Fragrance	0.20
7	<b>Euxyl<sup>®</sup>K 9010</b> / Phenoxyethanol Ethylhexylglycerin	0.60

## PROCEDURE:

With mixing, combine 1-6. Heat to 40°C. Add 7. Mix until clear. Adjust pH as necessary.

## TYPICAL PROPERTIES:

Appearance: Clear liquid  
pH: 6.0  
Viscosity: 20 cP

## STORAGE AND HANDLING

Cola<sup>®</sup>Lux CAO-35 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola<sup>®</sup>Lux CAO-35 is shipped in poly drums, net weight 450 lbs (204.1 kg). Safety Data Sheet available at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

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*Innovative Specialty Surfactants*