



Cola[®]Lux CAO-35

High-Foaming Surfactant

INCI	Cocamidopropylamine Oxide
CAS	68155-09-9
LISTINGS	Australia (AIC), Canada (DSL), China (IECSC/IECIC), Korea (KECI), New Zealand (NZIOC), Philippines (PICCS), Taiwan (TCSI), US (TSCA)

Cola[®]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[®]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
- OTC Antiseptic Hand Washes

BIODEGRADABILITY

Cola[®]Lux CAO-35 is readily biodegradable (OECD 301 A).



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

Cola[®]Lux CAO-35 is currently approved for FOOD-USE as surfactant not to exceed 15% by weight in a formulated product; only for use with glyphosate under 40 CFR 180-910, as an inert ingredient in pesticide formulations.

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.

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



Colonial Chemical

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Innovative Specialty Surfactants