



Cola®Lux LO

Amine Oxide Surfactant

INCI
CAS
LISTINGS

Lauramine Oxide
308062-28-4
US (TSCA); Canada (DSL); Australia (AIC/AICIS); Japan (ENCS); China (IECSC/IECIC)
Korea (KECI); Philippines (PICCS); New Zealand (NZIoC); Taiwan (TCSI)

BENEFITS

- Foam enhancer
- Foam stabilizer
- Can be formulated with anionic, nonionic and cationic materials
- Emulsifier
- Wetting agent
- Lubricant
- Viscosity builder
- Bleach and peroxide stable

APPLICATIONS

Personal Care

- Shampoos
- Hand soaps
- Bath products
- Creams and lotions
- Hair conditioners

Household / Institution

- Dishwashing detergents
- Cleansers
- Hard surface cleansers (containing acids or bleach)

BIODEGRADABILITY

Cola®Lux LO is readily biodegradable per OECD 301 methods. This product meets the criteria for a surfactant under the EU Detergents Regulation (EC) 648/2004.

SAFER CHOICE

The Safer Choice Program of the U.S. Environmental Protection Agency certified Cola®Lux LO as Acceptable for use in Safer Choice-certified products and for listing on CleanGredients as a surfactant.



Cola®Lux LO is "Derived Natural" with a **Natural Origin Index of 0.87** in accordance with ISO 16128 guideline.

TYPICAL PROPERTIES

Appearance @ 25°C	Clear Liquid
Color, Gardner 98	2 Max.
Color, Gardner BYK	2.5 Max.
pH (1% aq)	7.6
pH (10% aq)	7.5
% Amine Oxide	30.0
% Free Amine	0.6 Max.
% Free Peroxide	0.1 Max.
Specific Gravity @ 25°C	0.972

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

* <10 ppb reporting limit of 3rd party analysis

STORAGE AND HANDLING

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling Cola®Lux LO. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material. Cola®Lux LO stored in sealed containers and kept at temperatures not lower than 50°F (10°C) nor higher than 120°F (49°C). Avoid overheating or freezing. Shelf life is 24 months from date of manufacture. Cola®Lux LO is shipped in poly drums (net wt. 440 lbs/200 kg) and totes (net wt. 2200 lbs/998 kg). Safety Data Sheet available at www.colonialchem.com.

Colonial Chemical

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Innovative Specialty Surfactants