



Cola®Lux LO MB

Amine Oxide Surfactant | Mass Balance RSPO

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 MB 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 MB as Acceptable for use in Safer Choice-certified products and for listing on CleanGredients as a surfactant.



MASS BALANCE

In keeping with Colonial Chemical's commitment to sustainable raw material sourcing, this product is derived from palm oil that contributes to the production of certified sustainable palm oil. More information on www.RSPO.org.

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

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

STORAGE AND HANDLING

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling Cola®Lux LO MB. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material. Cola®Lux LO MB 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 MB 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

Innovative Specialty Surfactants

www.colonialchem.com