



Cola[®]Lux LO

Amine Oxide Surfactant

INCI NAME Lauramine Oxide
CAS NUMBER 1643-20-5 (EINECS 216-700-6)
LISTINGS TSCA, DSL, AICS, ENCS, PICCS, ECL, NZIoC, IECSC

APPLICATIONS

Functional Properties

- Foam Enhancer
- Foam Stabilizer
- Can be formulated with anionic, nonionic and cationic materials
- Emulsifier
- Wetting Agent
- Lubricant
- Viscosity Builder

End-Use Properties – Personal Care

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

End-Use Properties – Industrial

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

BIODEGRADABILITY

Cola[®]Lux LO is readily biodegradable.

TYPICAL PROPERTIES

Appearance @ 25°C	Clear Liquid
pH (10% aq)	7.0 – 9.0
% Amine Oxide	29.8 – 32.2
% Free Amine	0.7 Max
Cloud Point (as is), °C (°F)	1 (30)
% Peroxide	0.07 Max
Color, Klett	100 Max.
Viscosity, cps at 25°C	18
Flash Point (PMCC), °C (°F)	>94 (>201)
Density, g/ml (lbs/U.S. gal)	0.966 (8.06)

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. A Safety Data Sheet is available upon request.

PACKAGING

Cola[®]Lux LO is shipped in bulk and in 55 gal. poly drums (net weight 425 lb/193 kg).

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Natural Surfactants