

Technical Data Sheet

Cola®Liquid DL



CHEMICAL NAME	Lauramide DIPA
CAS NUMBER	54914-38-4
EINECS NUMBER	259-395-5
LISTINGS	TSCA, NDSL, REACH, EINECS, ASIA-PAC, ENCS

DESCRIPTION

Cola®Liquid DL is a Lauramide DIPA non-DEA substitute for Lauramide DEA. Colonial Chemical's Cola®Liquid products consist of completely liquid, consumer acceptable non-DEA amides that perform like traditional alkanolamide surfactants. Cola®Liquid DL can be used in any application where traditional alkanolamide surfactants have been used without reformulation. Cola®Liquid DL is effective in a wide variety of personal care products, including:

- Body cleansers
- Hair colorants
- Bubble baths
- Shower gels
- Facial cleansers
- Shampoos

BENEFITS

- Completely liquid non-ionic
- Performs like traditional alkanolamide surfactants
- Manufactured to strict specifications yielding lowest possible free amine
- Very mild when compared to other traditional primary personal care surfactants
- DEA/MEA-free version of Lauramide DEA

SPECIFICATIONS

Density	8.1 - 8.3 lbs. / Gal.
Color, Gardner	3 Max.
pH (10% solution)	9.5 – 11.0
Flash Point (open cup)	>200°F
Form at 25°C	Clear liquid
Acid Value	1.5 Max.
Alkali Value	34 Max.
% Active	100

PERFORMANCE

Cola®Liquid DL will boost and maintain foam levels over non-amide systems and other personal care formulations. The use level for Cola®Liquid DL is typical for similar alkanol amide surfactants, generally in the range of 1% to 5% in personal care products. Cola®Liquid DL achieves higher viscosity in typical personal care cleaning products than non-amide formulations.

TOXICOLOGICAL PROPERTIES

Evaluation of the Cola®Liquid DL product shows it to be very mild on eyes and skin when compared to other traditional primary personal care surfactants.

STORAGE AND HANDLING

Cola®Liquid DL should be stored in closed containers. Frozen material may be thawed in a warm room, venting drums while warming. A Safety Data Sheet is available upon request.

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Cola[®]Liquid DL



PACKAGING

Cola[®]Liquid DL is shipped in 55 gal. poly drums.

FORMULATION

Clarifying Shampoo

	<i>Compound</i>	<i>Weight %</i>
1	Water	qs
2	Colonial SLES-2	30.00
3	Cola [®] Teric COAB	10.00
4	Poly Suga [®] Mate L	3.00
5	Cola [®] Liquid DL	2.00
6	Preservative	qs
7	Fragrance	qs
8	Sodium Chloride	qs

Procedure:

Combine ingredients in order at 40C. Adjust pH with Citric Acid. Adjust viscosity with Sodium Chloride.

Typical properties:

pH: 6 Viscosity: 12,000

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