

Technical Data Sheet

Cola®Liquid DO



INCI NAME Soyamide DIPA
CAS NUMBER 405160-18-1
INVENTORIES US (TSCA), Canada (NDSL)

DESCRIPTION

Cola®Liquid DO is a modified Soyamide DIPA. Cola®Liquid DO is a next generation liquid non-ionic surfactant used to improve foam, viscosity and feel properties of personal care formulations. Formulations that use Cola®Liquid DO offers a noticeable improvement in the aesthetics of shampoos and hand soaps over non-amide formulations. Cola®Liquid DO is a useful Soyamide DIPA derivative and recommended for "DEA-free" formulations, including:

- Shampoos
- Bubble bath
- Hand soap
- Body washes
- Hand gels

BENEFITS

- DEA, MEA - free
- Develops creamy and stable foam with anionic surfactants
- Liquid, easy to use in cold mix formulations
- Increased foam volume over traditional amides
- Helps solubilize fragrances and active ingredients
- Enhances the viscosity of formulations
- Lower salt levels over traditional amides
- Extremely mild to both skin and eyes
- Low color
- No odor
- Ultimately biodegradable

TYPICAL PROPERTIES

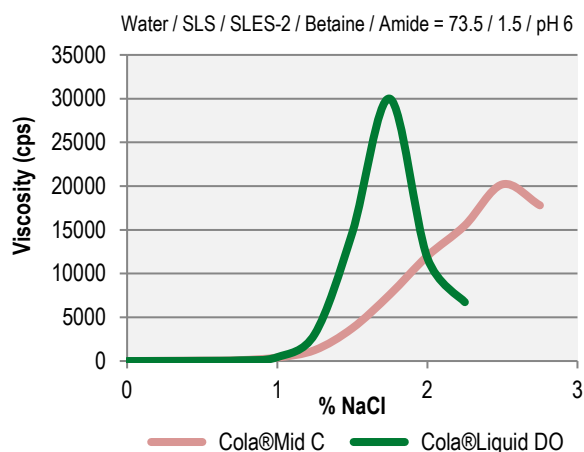
Appearance Clear Liquid
Color, Gardner 6 Max.
pH (10% Solution 50:50 IPA/H₂O) 10.3
Alkali Value 60 Max.

FORMULATING WITH COLA®LIQUID DO

The adjacent graph demonstrates similar performance of Cola®Liquid DO to a traditional DEA amide. Cola®Liquid DO offers a unique viscosity-building performance. Salt curves were performed on a typical shampoo base. Performance of Cola®Liquid DO will vary depending on your particular formulation.

STORAGE AND HANDLING

Cola®Liquid DO should be stored in a sealed container in a cool, dry place out of direct sunlight. Cola®Liquid DO is available in poly 55-gal drums, net weight 450 lbs. (204.1 kg). Safety Data Sheets may be found at www.colonialchem.com.



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