

Technical Data Sheet

Cola®Liquid DT



CHEMICAL NAME Tallate DIPA

DESCRIPTION

Cola®Liquid DT is a non-ionic 1:1 diisopropanolamine (DIPA) amide of tall oil fatty acids. Colonial Chemical's Cola®Liquid products consist of completely liquid, consumer acceptable non-DEA amides that perform like traditional alkanolamide surfactants. Cola®Liquid DT provides viscosity building and foam stabilizing properties. The product is liquid and very mild to eyes and skin. Cola®Liquid DT can be used as a substitute for 1:1 DEA amides in any application where traditional alkanolamide surfactants have been used. Cola®Liquid DT is effective in a wide variety of industrial products, including:

- Synthetic, semi-synthetic metal-working compounds
- Soluble oils
- Metalworking formulations for stamping, drawing and machining

BENEFITS

- Co-emulsify mineral oils in water
- Good lubricity
- Low foam emulsions
- Stable emulsions in hard water
- Water dispersible
- Oil-in-water or water-in-oil emulsifier
- Compatibility with metalworking additives, such as corrosion inhibitors, EP agents and others
- Ease of formulating soluble oils, semi-synthetic fluids, synthetic fluids, emulsions degreasers and emulsifiable rust preventatives
- Low viscosity for ease of handling
- Contains no DEA, MEA or TEA

TYPICAL PROPERTIES

Appearance	Clear Amber Liquid
Color, Gardner '98	4
pH (1% solution)	9.8
Acid Value	3.4
Alkali Value	44.0
Viscosity, cps @ 40°C	700
Specific Gravity @ 25°C	0.93

STORAGE AND HANDLING

Cola®Liquid DT 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.

PACKAGING

Cola®Liquid DT is shipped in 55 gal. closed-head steel drums.



Shake Foam Test	Cola®Liquid DT
Immediate	20 mm
1 min.	22 mm
3 min.	19 mm
5 min.	19 mm
10 min	18 mm

(1 g Test Material into 50 mL DI-water)

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