

DeIONIC LF- 80MOD

DeIONIC LF- 80MOD is a unique, nonionic, modified alkoxyated alcohol delivering multifunctional characteristics including rapid dynamic surface tension reduction, wetting, very low foam, and low VOCs.

SPECIFICATIONS

Appearance @ 25°C:	Clear to hazy, almost colorless liquid
pH (10% in DI water):	4.0 - 8.0
Cloud Point (1% in DI water):	15°C - 21°C

SOLUBILITY DeIONIC LF-80MOD is soluble in water (below 15°C), alcohols, glycols and most solvents. Dispersible in water above 21°C. It is insoluble in most oils.

TYPICAL PROPERTIES

% Activity	92% - 94%
HLB (calculated)	~1.6
Density @ 25°C	~0.97 g/mL
VOC (typical)	~44.2 g/L

- Low foam
- Excellent wetting
- Alkali and electrolyte stable
- Low VOC
- Promotes detergency
- Low surface tension
- Alkylphenol free
- Acid stable

APPLICATIONS

- Mechanical dishwashing
- High spray pressure cleaners
- Industrial alkaline cleaners
- Industrial metal cleaners
- Liquid laundry detergents
- Pigment grinding aid
- Pigment dispersant
- Bottle washing
- Textile wetting and scouring
- Agricultural sprays
- Powdered detergents

Continued

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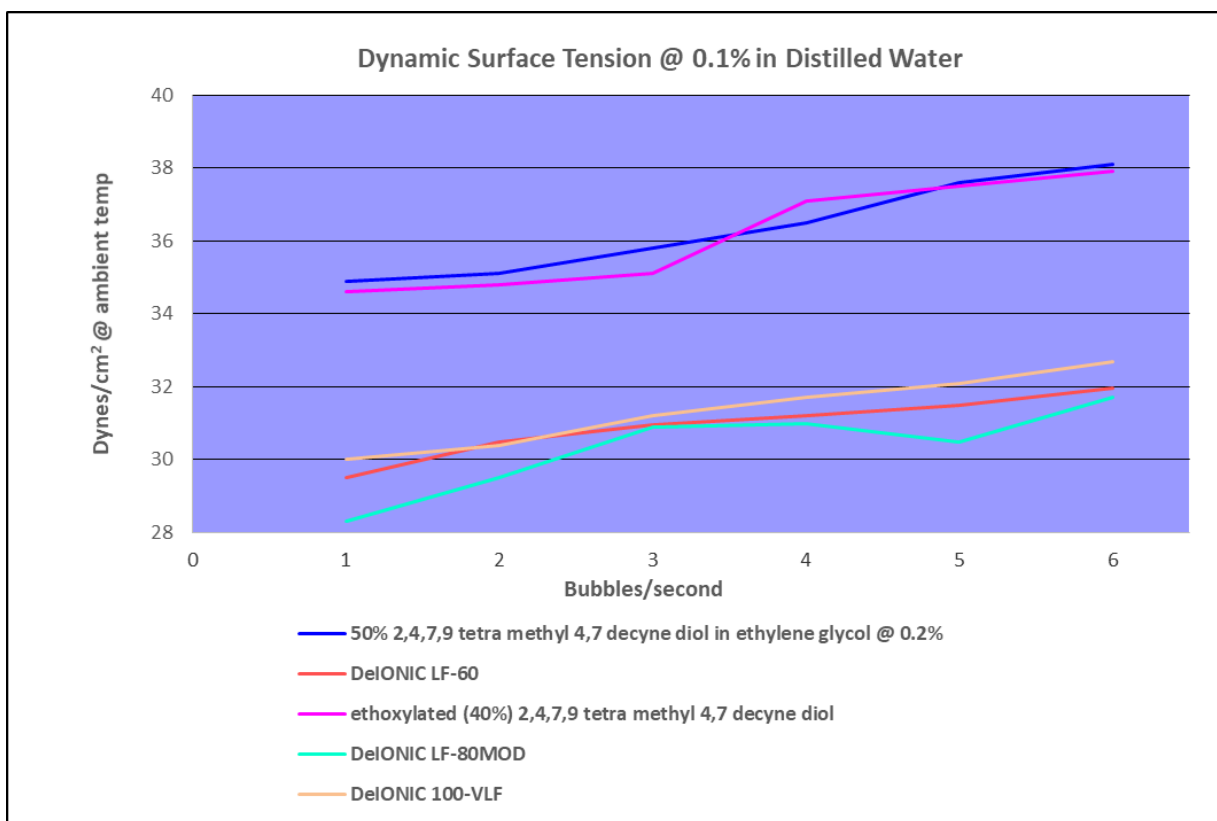
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SURFACE TENSION PROPERTIES

The dynamic surface tension of **DeIONIC LF-80MOD** was determined at 0.1% by weight in distilled water using a SensaDyne QC6000 Tensiometer.

The graph below compares our low HLB wetting agents to two acetylenic diols which are commonly used as low foam wetting agents.



Additional information on DeIONIC LF-60 and DeIONIC 100-VLF is available by request or at www.deforestent.com.

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