



## DeTROPE CA-90

**DeTROPE CA-90** is a 90% active, anionic, mixed amine carboxylate recommended for use as a low foaming hydrotrope in aqueous alkaline systems. It also functions as a corrosion inhibitor for steel and aluminum in aqueous systems above pH 7.0. This product is 90% DeTROPE CA-100 and 10% DW, which reduces the solidification point to ~35F-40F, therefore making it easier to handle in cooler temperatures.

### SPECIFICATIONS

Appearance @ 25°C:	Clear amber viscous liquid
Color (Gardner):	12 max.
pH (1% in D.W.):	6.0 – 8.0

**SOLUBILITY** DeTROPE CA-90 is soluble in water, alcohols and glycols. It is insoluble or dispersible in most solvents and oils.

### TYPICAL PROPERTIES

% Activity	90% min.
Density @ 25°C	~1.0 g/ml

- Excellent liquid hydrotrope for use in aqueous alkaline systems
- Excellent wetting properties in alkaline formulations
- Corrosion inhibitor for steel & aluminum in aqueous systems at pH  $\geq$  7 at low use levels
- Moderate hard water stability
- Remains liquid at 35F - 40F
- Solubilizer for other surfactants in alkaline systems
- Low, quick breaking foam
- Good alkaline electrolyte tolerance
- Does not leave solid or waxy residue upon drying
- Biodegradable
- Provides lubricity in aqueous systems
- Non-phenolic, phosphate-free

### APPLICATIONS

- Synthetic coolants and cutting fluids
- Low foam caustic cleaners
- Aerosol formulations
- Low foam alkaline cleaners
- Water soluble lubricants
- Synthetic cutting fluids
- High pressure alkaline detergents
- Alkaline metal cleaners
- Water based paints and coatings
- Metalworking fluids
- Hard surface cleaners

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