

# BENCHEM<sup>®</sup> BA90

## Dispersant Agents

### Technical Data Sheet

#### General

Dispersion paints are usually formulated with extenders, particularly the very fine calcium carbonates now available. The dispersion of these extenders in water based systems must be achieved easily with common stirrers and without forming agglomerates or causing a viscosity build up. The usual inorganic dispersants do not solve this problem satisfactorily:

- Either because their complexing and deflocculating action are limited by the fineness of the extenders used,
- Or because of their poor temperature stability which causes hydrolysis and limits their efficiency.

BENCHEM BA90 has been especially developed to overcome these problems. It ensures the complete dispersion of the extenders and the inorganic pigments at high solids contents and in systems with high P.V.C.

#### Advantages of the Product

- Liquid product ready to use, easy to handle
- Low level of addition
- High efficiency for dispersion of mineral pigments and extenders, and consequently low grinding time required
- Very good stability of the manufactured products, in particular excellent viscosity stability
- No foaming is encountered with BENCHEM BA90

#### Typical Properties

Appearance (20 C)	Blue-Green Aqueous Solution
Nature	Polyacrylate Ammonium Salt
pH (20 C)	7
Solid Content %	40
Density at 20 C	1.16