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# MULTICRETE™ FOAMING AGENT

## TECHNICAL DATA SHEET

An Aerating Agent used for Cellular Concrete or Cementitious Slurries

### DESCRIPTION

Multicrete™ Foaming Agent is an aqueous concentrate of a surface active Polypeptide-Alkaline polyol condensate, specially formulated to yield a tough, stable voluminous microbubbled foam. The foam is used to producing cellular of foamed concrete and cement slurries used for thermal insulation, structural concrete, fills, soundproof floors, fireproofing and firewalls and also precast products.

Aeration of aqueous suspensions of solids may be achieved by blending of a preformed foam with the cementitious slurry. The preformed method provides better control of final product density. Preformed foam is made in calibrated foam generating devices which control both the rate of production and the proportion of air and solution in the foam.

Stabilization of the cellular structure in the slurry is accomplished by stiffening or gelation due to either a hydration reaction of part of the solid with water, by polymerization of other additives in the slurry or by some other reaction which sets the foamed slurry to a solid.

No harmful effect to the product is sustained by exposure to temperature extremes. It is completely stable to related surface activity and foam stability may be seriously affected by the presence of other surfactants, they should be avoided unless specific compatibility has been verified by test.

Multicrete™ Foaming Agent may be used in many types of foam generating devices. When used in other continuous or batch type Foam Generators, the result is a very compact self contained precision foam system which may be integrated with solids metering feeders, slurry mixers and pumps to permit continuous discharge of foamed slurries through pipe or hose lines.

### TECHNICAL DATA

**Appearance:** Dark Brown Liquid  
**Active Ingredients:** Approx. 30%  
**Ph:** 6.0-7.5  
**Viscosity: (70°F)** 5 centistokes min.  
**Solubility:** Complete soluble in water, suitable for use in hard or soft waters

**Shelf Life:** Almost indefinite in original sealed containers

### PACKAGING

	5 gal. pails	55 gal. drums
Gross Weight	51 lbs	565 lbs
Net Weight	48 lbs	527 lbs