



## CA-AF2

### LIQUID DEFOAMER

#### DESCRIPTION

CA-AF2 is a premium quality liquid antifoaming and defoaming agent for cement slurries. CA-AF2 is compatible with most API cements and cement additives.

#### APPLICATION

CA-AF2 will eliminate entrained air, which causes problems in pumping and annular fill-up. CA-AF2 also prevents excessive shrinkage, porosity, and weakness of the set cement.

#### RECOMMENDED TREATMENT

Recommendations for a mixing program should be made only after a complete project analysis has been made and a thorough study made of all the factors affecting the cementing operation.

CA-AF2 added in the amount of 0.05 to 0.10% by weight of the water will eliminate air in most systems. Although the amount of CA-AF2 required to remove entrained air from a particular cement slurry will usually be less than that needed for other defoamers. The minimum amount required is usually determined by observation and will depend upon the organics which are present.

#### SAFETY AND HANDLING

Care should be taken in handling around open flames or sparks. Avoid contact with eyes, skin and clothing. In case of contact, immediately flush skin or eyes with plenty of fresh water for at least 15 minutes; for eyes, obtain medical attention.

#### PACKAGING

CA-AF2 is normally available in export quality 5 U.S. gal pails or 55 U.S. gal steel drums.

CA-AF2 is a Messina trademark

