

DEFOAMER KPT 305

Product Description

DEFOAMER KPT 305 Liquid Cement Antifoam Additive is an antifoaming agent for cement slurries, and it is compatible with all commonly used cement additives. DEFOAMER KPT 305 Liquid Cement Antifoam Additive should be added to all cement slurries for the prevention of air entrapment in the slurry during mixing. Air entrapment can result in several mixing problems. In extreme cases of air entrapment, transfer pump cavitations may occur. More commonly, air entrapment will cause the slurry density to appear lower than desired when determined by common density-measuring devices. If the actual slurry density is increased to account for the apparent deficit, negative effects occur. These effects include an increase in the slurry viscosity, reduction in the slurry volume, and reduction of the thickening time.

Application

- All API classes of cement
- Freshwater, saltwater, or seawater slurries
- May be used with other cement additives such as dispersants, silica flour, retarders, fluid loss additives and weighting materials.

Typical Properties

COMMON NAME	Alcohol based	CHEMICAL FORMULA	Proprietary
APPEARANCE	Pale yellowish liquid	SOLUBILITY IN WATER @ 20°C	Easily Dispersible
SPECIFIC GRAVITY AT 25°C	0.835± 0.03gr/cm ³	pH AS SUPPLIED	5-6
ACTIVE	Content 100%		

Dosage

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. DEFOAMER KPT 305 added in the amount of 0.10 to 2 % (v/v) by weight of the cement composition will eliminate air in most systems.

Health & Safety

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 & Storage

DEFOAMER KPT 305 is packaged in a 55 US gallon (208 liter) drum or 5 US gallon (18.9 liter).