

GLOBAL AQ EMUL



THE GLOBAL
TEXTILE CHEMICALS

Global AQ Emul is a high-performance surfactant designed to maintain stable emulsions by keeping immiscible fluids well dispersed. It plays a crucial role in preventing phase separation, ensuring uniform consistency in various formulations. This emulsifier contains both hydrophobic (water-repelling) and hydrophilic (water-attracting) ends, allowing it to interact effectively with different substances. Its dual nature enables it to stabilize oil-in-water or water-in-oil emulsions efficiently. By surrounding oil or other immiscible molecules, Global AQ Emul forms a protective layer that prevents clumping. This action ensures that oil droplets remain evenly distributed throughout the mixture.

It enhances product stability, preventing separation or settling in the final formulation. Global AQ Emul is widely used in various applications, including textile printing, coatings, and industrial formulations. It ensures smooth dispersion, improving the performance and longevity of emulsified systems. Its advanced formulation allows for easy incorporation into water-based and oil-based systems. It improves the uniformity and efficiency of mixtures without altering their core properties. This emulsifier enhances the quality and consistency of inks, coatings, and other liquid formulations.

It maintains effectiveness even under temperature fluctuations or mechanical stress. Global AQ Emul is an essential component for achieving high-performance emulsions with improved longevity. It supports efficient production processes by ensuring stable and well-dispersed mixtures. It ensures smooth formulation, prevents separation, and enhances the overall quality of water-based and oil-based products.

Recommended Addition level	As supplied calculated on paste preparation 1 to 2 %
Handling Storage	When stored in an original un opened packing the product has a shelf life of 12 months from the date of manufacturing
Processing Instruction	To achieve optimal stabilization of the pigment binder paste the combination with Global Aq Emul was to be beneficial.

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