

AP BREAKER

BREAKER

Description

AP BREAKER is a free flowing, white, crystalline, water soluble solid oxidative breaker which is added to viscous polysaccharide gum gels to destroy the gel viscosity.

Properties

Form: Solid
Color: White
Odor: None

Chemical Family: Oxidizer
Solubility: Soluble
Bulk Density: 0.95

Application

AP BREAKER will oxidative rupture the polymer backbone causing it to become less viscous. The rate of AP BREAKER action is strongly temperature dependent with little oxidative degradation at temperatures below 120°F. Quantities as high as 0.5 lb/1000 gal can be added at the lower temperature and as little as 0.005 lbs/1000 gal at higher temperatures. Typical concentrations used are 0.1 – 0.3 lbs/1000 gal. Often AP BREAKER exhibits a threshold effect where a small increase in quantity will cause a major decrease in break time. If a reliable, accurate solid additive dispenser is not available it is best to prepare a solution of AP BREAKER and meter in the appropriate liquid volume.

AP BREAKER works indiscriminately to oxidative break viscous polysaccharide gel solutions prepared from guar, HPG, CMHPG, HEC or CMHEC.

Compatibility

AP BREAKER is compatible with all commonly used additives

Handling/Storage

AP BREAKER is an oxidizer. Avoid contact or mixing with other oxidizing agents, organic compounds, fuels, acids or bases, etc. AP BREAKER should be stored in a cool, dry location. Keep containers tightly sealed when not in use. This product is an eye and skin irritant. Inhalation may cause respiratory irritation. Safety glasses and rubber gloves are recommended when handling. Avoid producing dust and provide adequate ventilation during use. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

AP BREAKER is packaged in 10 lb. bags.