

Fluid Tech, Inc.

PRODUCT INFORMATION BULLETIN

New Product: Aquaset II GH (granular-hardening)

Fluid Tech, Inc. has developed a new product for solidifying salty solutions that does not require mixing and results in a very hard final waste form that will typically exceed a 50 PSI structural stability rating. The product is very easy to use because it is simply deposited into the waste liquid until it covers the top of the liquid and then left to set up. This makes it very easy to use where remote operations are required. Volume efficiencies at this time appear to be in the 70% range; that is 35 to 40 gallons of waste liquid in a 55-gallon drum.

Salt Solutions: Over the past 13 years, hundreds of tests have been performed on waste streams that range from low concentrations of salt to saturated solutions. These samples have sometimes been relatively clean solutions and others have been mixed with sludge. Solutions tested have included nitrates, phosphates, chlorides, carbonates, sulfates, and mixtures of salts that represent surrogates of various process solutions. In all of these tests, a combination of Fluid Tech, Inc. products have been capable of solidifying the solutions and, in the event the solutions contained RCRA toxic metals, the final products were maintained below the leachability requirements for land disposal.

Freeze/Thaw: Successful solidification formulas developed were tested to determine if they would release liquids when exposed to several freeze-thaw cycles. These samples were frozen to -20 degrees Fahrenheit and thawed up to 75 degrees Fahrenheit through seven cycles.