

# POLYMERS



## NU-WELL® 310 BIOACID POLYMER

### APPLICATION

*Nu-Well 310* bioacid is a unique polymeric-acid chemistry that is the most effective product available for breaking down biofilm and dispersing mineral salts. It provides a considerable boost to any acid-cleaning operation, is readily biodegradable and may be used to treat potable water systems and related equipment.

For large municipal and industrial wells, it is recommended that well construction and performance history, along with water samples be submitted to Johnson Screens for lab analysis to properly determine dosage.

### DESCRIPTION

- Maintains the acid reaction, holding minerals in suspension at pH levels of 3.0 and higher
- Controls sludging by preventing re-precipitation or adhesion, for thorough removal of biologic material during flushing
- Dislodges biofilm masses associated with iron-oxidizing, sulfate-reducing and slime-forming bacteria, which are not removed by mineral acids alone

- Sequesters iron and inhibits corrosion on metal surfaces
- Protects all forms of metal in the system and will not attack plastic, neoprene or other synthetic materials, eliminating the need for acid inhibitors
- Provides passivation of metals when used with phosphoric acid
- NSF approved for cleaning potable water wells, pipelines and filter systems



## NU-WELL 320 BIOCAUSTIC DISPERSANT

### APPLICATION

*Nu-Well 320* biocaustic dispersant is designed to enhance solubility of minerals and biological debris when used with caustic (alkaline) products for cleaning wells, potable water distribution lines or other structural systems.



### DESCRIPTION

- Prevents precipitation of minerals that can clog openings while removing biological plugging
- Controls sludge by preventing re-precipitation or adhesion for more complete removal of biologic material during flushing
- Dislodges biofilm masses associated with iron-oxidizing, sulfate-reducing and slime-forming bacteria, which are not completely removed by caustic solutions alone
- Increases the suspension of partially dissolved minerals, silts and bacterial slime
- Completely soluble in strong alkaline solutions with a pH of 7 to 14