

# SODIUM GLUCOHEPTONATE

## METAL CLEANING

Sodium Glucoheptonate is an effective sequestrant for alkaline earth metals such as calcium and magnesium. It also is an excellent sequestrant for iron under alkaline conditions. Thus, because of its excellent sequestering abilities in alkaline solutions, sodium glucoheptonate inhibits the formation of insoluble calcium and magnesium salts as well as dissolves ferric oxide (rust) films in highly alkaline solutions.

Sodium Glucoheptonate/caustic solutions form a protective film on the metal thereby allowing minimal attack on the base metal. After-rusting tendencies are far less severe than those resulting from mineral/acid cleaning and or derusting techniques.

A solution of sodium glucoheptonate (SGH) and caustic soda also removes light soil, oil and phosphate deposits.

This solution is also an excellent paint stripper and helps leave the surface well prepared for painting or coating. A ratio of SGH to caustic soda of 1:5 to 1:10 is suggested with a caustic concentration of 8 to 48 ounces per gallon of glucoheptonate solution in the soak tank. The temperature should be 160 – 200°F. This solution is also compatible with alkali detergent builders and wetting agents.



Information courtesy of Russtech