



INDICATIVE SPECIFICATION

Name: *Sodium Hexametaphosphate*

Grade: *68% Min Technical Grade*

Specification:

Total Phosphate (as P_2O_5): *68%min*
Unactive Phosphate (as P_2O_5): *7.5%max*
Insoluble matter in water: *0.06%max*
Iron (Fe): *0.05%max*
pH Value: *5.8-7.3*

Packing: *In 25kg net PP woven bags lined with PE film bag inside*

Uses:

- *Used as a sequestrant and has applications with in a wide variety of industries*
- *As a food additive in which it is used under the E number E452i.*
- *Sodium carbonate is sometimes added to SHMP to raise the pH to 8.0-8.6, which produces a number of SHMP products used for water softening and detergents.*
- *Used as a dispersing agent to break down clay and other soil types.*
- *Used as a deflocculant in the making of terra sigillata, a ceramic technique using a fine particled slip.*
- *Used as a whitening ingredient included in some whitening toothpastes and mouthwashes.*