

CERAMIC AND GLASS CHEMICALS

Sodium Hexametaphosphate (SHMP)

Product name: Sodium Hexametaphosphate (SHMP) – Tech Grade

Molecular Formula $(\text{NaPO}_3)_6$

Molecular Weight 611.77

Properties :

White crystalline, granular, odorless. Hydrosopic and easily soluble in water.

Applications :

Mainly used in Ceramic, Mine, Petroleum and Paper Manufacturing Industries. It also be used as a sequestering dispersing deflocculating agent, and as a coating agent to form a thin passivating film that protects metals from corrosion; Industrial water treatment; SHMP can be used in continuously recycled industrial water as a softener; SHMP is used in the textile industry for industrial cleaning and as dispersion in pigmenting and dyeing operations. It is also used in oil well drilling and in Kaolin industries.

Chemical Composition :

PHOSPHORUS PENTOXIDE (P205)	68.0 % min
NON-LIVING PHOSPHATE (P205)	7.50 % max
WATER INSOLUBLE	0.05 % max
IRON (Fe)	0.05 % max
Ph of 1% SOLUTION	5.8 - 7.0

Package: PP or Kraft Paper, 25 / 50 Kg Bags