



BIMEX CORP.

DATA SHEET

SODIUM TRIPOLYPHOSPHATE – TYPE 1/800
Granules, Technical Grade

Identity Nr. : 000014
Chemical name : **Pentasodium tripolyphosphate**
Chemical formula : **Na₅P₃O₁₀**
Molecular weight : 368
CAS Nr. : 7758-29-4
EINECS-Nr. : 2318387
Appearance : compound of white powder and granules

Chemical composition		Typical Analysis	Standard
P ₂ O ₅	%	56.5	min. 56.0
Na ₂ O	%	41.8	min. 41.5
pH (1% solution)		9.4	9.5 ± 0.3
Loss on Ignition	%	0.01	max. 0.5
Insoluble	%	0.06	max. 0.1
Phase I	%	22.3	10 - 30
Na ₅ P ₃ O ₁₀	%	92.7	min. 92.0
ortho-P ₂ O ₅	%	0.0	max. 0.5
Bulk density	g/l	766	700-800
Solubility (g/100 g H₂O):	25° C	14.5	

Application:

- in ceramic industry for decreasing of viscosity of raw materials and clays, for reduction of thixotropy and as a binding agent
- in paper industry for dispersing of builders and coatings
- for emulsions at petroleum winning (well boring)
- for water treatment; pH adjustment and buffering
- for the production of cleaning agents and detergents (increasing of surface activity and washing power)
- as floating agent in metallurgy
- for production of feeding stuff

Package: 25 kg natron paper bags on pallets, shrink wrapped and strapped

Storage: tightly closed in dry, cool place

Shelf life: provided that the recommended storage conditions are maintained shelf life will be indefinite.