



BIMEX CORP.

DATA SHEET

SODIUM TRIPOLYPHOSPHATE - TYPE 5
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
Insolubles	%	0.06	max. 0.1
Na ₅ P ₃ O ₁₀	%	92.7	min. 90.0
bulk density	g/l	480	500 ± 50
sieve analysis		> 1000 µm	max. 10 %
		100 - 1000 µm	80 % ± 5 %
		< 100 µm	10 % ± 5 %
Solubility (g/100 g H₂O):	25° C	14.5	

Application:

- for water treatment; pH adjustment and buffering
- for the production of cleaning agents and detergents
(increasing of surface activity and washing power)
- as flotating agent in metallurgy
- for emulsions at petroleum winning (well boring)

Package: 20 kgs natron bags on pallets; 700 and 800 kgs big-bags, cistern cars or according buyer's wish

Storage: tightly closed in dry, cool place

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