



**BIMEX CORP.**

**DATA SHEET**

***TETRASODIUM PYROPHOSPHATE***  
***Granules, Technical Grade***

**Identity Nr.** : 000170  
**Chemical name** : **Tetrasodium diphosphate**  
**Chemical formula** : **Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub>**  
**Molecular weight** : 266  
**CAS Nr.** : 7722-88-5  
**EINECS-Nr.** : 2317671  
**Appearance** : compound of white powder and granules

<b>Chemical composition</b>		<b>Typical Analysis</b>	<b>Standard</b>
P <sub>2</sub> O <sub>5</sub>	%	51.6	min. 51.0
Na <sub>2</sub> O	%	45.0	min. 44.0
Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub>	%	96.7	min. 95.0
pH (1% solution)		10.4	10.3 ± 0.3
bulk density	g/l	620	550 - 700

**Solubility (g/100 g H<sub>2</sub>O) :**

10° C	5
25° C	7
50° C	29

**Application:**

- as a degreaser for the manufacture of washing and cleaning agents
- for phosphatizing in galvanization processes
- as a stabilizer of peroxo-compounds in textile industry
- as a floating agent in metallurgy
- for deflocculating in cement and ceramic industry

**Package:** 25 kg natron bags on pallets; 700 and 800 kgs big – bags or according to buyers wishes

**Storage:** tightly closed in dry, cool place

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