

Technical Data Sheet of

**SODIUM METASILICATE PENTAHYDRATE**

<b>COMMERCIAL NAME:</b>	SODIUM METASILICATE PENTAHYDRATE	<b>FORMULA :</b>	Na <sub>2</sub> O.SiO <sub>2</sub> .5H <sub>2</sub> O
<b>SYNONYM :</b>	METASILICATE OF SODA PENTAHYDRATE	<b>M.W.</b>	180.06

<b>APPEARANCE &amp; PROPERTY</b>	
<i>Sodium metasilicate is white uniform beaded, solid. This product possesses high alkaline and defoul character, which is easy to soluble in water, good dispersibility and emulsifiability, not soluble in alcohol. It will deliquesce after absorbing moisture and carbon dioxide from the air.</i>	
<b>Na<sub>2</sub>O:</b>	29±1.00%
<b>SiO<sub>2</sub>:</b>	29±1.00%
<b>Fe:</b>	≤200ppm
<b>Particle Size (10-30Mesh):</b>	≥90.0%
<b>Ignition loss (600°C)</b>	43±1.00%
<b>Whiteness</b>	75-90

<b>PACKING:</b>
1. 25KG/bag
(UP TO 1080BAGS/27MT IN 1X20'FCL)

**Handling and Storage:**

*Do not get in eyes, on skin or on clothing. Avoid prolonged or repeated exposure. Corrosive. Keep container tightly closed. Store in a cool and dry place.*

**Applications:**

*This product is mainly used in making high efficiency detergent and metal cleaner. Instead of STPP. It can raise cleaning efficiency and reduce environment pollution, provides excellent alkaline buffer, corrosion prevention for metal (i.e. Zinc, Aluminum), and function of softening water.*