

## **BORAX PENTAHYDRATE**

01	<b>PRODUCT NAME</b>	<b>BORAX PENTAHYDRATE</b>
	<b>- COMMON NAME</b>	<b>BORAX</b>
	<b>- TECHINCAL NAME</b>	<b>BORAX PENTAHYDRATE</b>
02	<b>PRODUCT DETAILS</b>	<b><math>\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}</math></b>
	<b>MOLECULAR FORMULA</b>	
	<b>STRUCTURAL FORMULA</b>	<b><math>\text{Na}_2\text{B}_4\text{O}_7</math></b>
	<b>MOLECULAR WEIGHT</b>	<b>381.37 Gms/Mole</b>
	<b>CAS NO</b>	<b>1303-96-4</b>
	<b>IUPAC NAME</b>	<b>SODIUM BORATE</b>
03	<b>- PURITY</b>	<b>99.9% BY WT.</b> <b><math>\text{B}_2\text{O}_3</math> - 47.76 % min</b> <b>Na<sub>2</sub>O - 21.41 % min</b>  <b>HUMIDITY &lt; 1%</b>
	<b>COLOR</b>	<b>BRIGHT WHITE POWDER</b>
04	<b>- PHYSICAL PROPERTIES</b>	
	<b>SOLUBILITY</b>	<b>INSOLUBLE IN WATER</b> <b>SLIGHTLY SOLUBLE IN</b> <b>AMMONIUM HYDROXIDE</b>
	<b>NATURE (ACIDIC/BASIC)</b>	<b>SLIGHTLY BASIC</b>
	<b>BOILING POINT</b>	<b>1575 °C</b>
	<b>MELTING POINT</b>	<b>743 °C</b>
	<b>DENSITY</b>	<b>1.73 g/cm<sup>3</sup> (solid)</b>
05	<b>PACKING DETAILS</b>	<b>50 KG UN APPROVED FIBER</b> <b>DRUM</b> <b>DOUBLE LINED PP BAGS AS</b> <b>INNER PACKING</b>
06	<b>PRODUCTION CAPACITY</b>	<b>10 MT PER DAY</b>
	<b>MONTHLY</b>	<b>300 MT PER MONTH</b>
	<b>YEARLY</b>	<b>3600 MT PER YEAR</b>
07	<b>DISPATCH DETAILS</b>	<b>22 MT IN 20FT CONTAINER</b> <b>WITHIN 10 DAYS AFTER</b> <b>CONFIRMATION</b>

08	<b>LOGISTIC DETAILS</b>	<b>BY SEA, TRUCK LOAD</b>  <b>QUANTITIES LESS THAN 1 MT CAN BE ARRANGED BY AIR ALSO.</b>
09	<b>APPLICATION OF THE PRODUCTS</b>	<b>CERAMIC PIGMENTS</b> <b>GLASS COLORS</b> <b>WEED KILLER</b> <b>FERTILIZER</b> <b>BORON COMPOUNDS</b>