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**Sodium Perchlorate**

(Perchloric Acid, Sodium Salt)  
**NaClO<sub>4</sub>**      **M.W. 122.44**

**Product Data Sheet**

SPA-06-R1  
Effective 1/09/06

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<b>Appearance</b>	:	White crystals
<b>Specifications</b>	:	Sodium Perchlorate On dry basis ( as NaClO <sub>4</sub> ) : 99.0% (Minimum) Chlorides ( as Cl ) : 0.05% (Maximum) Chlorates ( as Cl ) : 0.2% (Maximum) Sulphates ( as SO <sub>4</sub> <sup>2-</sup> ) : 0.2% (Maximum) Free Moisture ( as H <sub>2</sub> O ) : 0.2% (Maximum) Insolubles : 0.2% (Maximum)
<b>Physical Properties</b>	:	Melting Point : 482 °C Boiling Point : Decomposition starts at 482 °C. Solubility : Very soluble in water Particle Density : 2.02 grams/cc
<b>Packing</b>	:	25 Kg net laminated HDPE woven bags with separate inner LDPE bag (UN certified).
<b>Storage &amp; Handling</b>	:	Store in cool dry place away from direct sunlight and heat. Keep away from organic and readily oxidizable materials. In case of spillage, flush with <i>plenty</i> of water.
<b>Uses</b>	:	In manufacture of PVC stabilizers and explosives. In chemical synthesis. In perchloric acid and other perchlorates production.
<b>Shipping Information</b>	:	CAS No. : 7601-89-0 EINECS Nr. : 231 – 511 - 9 UN No. : 1502      Packing Group: II IMDG Code: Proper Shipping Name : Sodium Perchlorate Hazard Class : 5.1 Oxidizing Substance Label : Oxidizer 5.1 Subsidiary Risk Label : None

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