

**Potassium Iodide****Product Data Sheet**PDS-KI-R2  
Effective 01/10/07

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<b>Description</b>	:	White crystalline powder or colourless crystals.
<b>Specifications</b>	:	Assay as KI on dry basis : 99.5 % (Minimum) Iodate as KIO <sub>3</sub> : 0.0004% (Maximum) Heavy Metals as Pb : 0.001% (Maximum) Arsenic as As : 0.0003% (Maximum) Loss on Drying : 1.0% (Maximum)
<b>Physical Properties</b>	:	Bulk Density (approx.) : 1.7 grams/CC Particle Density : 3.12 grams/CC Solubility in water : 144 gm/ 100 gms
<b>Stability</b>	:	Stable at room temperature in sealed containers. Discolours on exposure to light. Hygroscopic. Cakes on storage
<b>Packing</b>	:	25 Kg nett fibre drums with HM-HDPE inner bag.
<b>Storage &amp; Handling</b>	:	Store in closed containers away from heat and moisture.  Causes irritation. Harmful if swallowed. Avoid contact with eyes, skin, clothing. Wash thoroughly after handling. In case of spillage, collect into container for disposal. Flush with <i>plenty</i> of water.
<b>Use</b>	:	Reagent in analytical chemistry Feed additive Photographic emulsions In tyre cord in industry LCD production
<b>Shipping Information</b>	:	Non hazardous. No Regulations for transport by sea, road & air.

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