



## Product Specification

### POTASSIUM IODATE PURE

<b>PRODUCT CODE</b>	<b>029630</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7758-05-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>KIO<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>214.00</b>
<b>PROPERTIES</b>	<b>Oxidizing agent.</b>

### KIO<sub>3</sub>

<b>PARAMETER</b>	<b>LIMIT</b>
Description	A white crystalline powder.
Solubility	5% solution in warm water is clear and colourless.
Minimum Assay (iodometric)	99.5%

#### MAXIMUM LIMIT OF IMPURITIES

Sulphate (SO <sub>4</sub> )	0.1%
Bromate, Bromide, Chlorate & Chloride	0.1%
Iodide (I)	0.005%

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**Hazard statements** : May cause respiratory irritation. May intensify fire; oxidizer. Causes mild skin irritation. Causes serious eye irritation.

#### Precautionary statements

**Prevention** : Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

**Response** : Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Disposal** : Add bromine / iodine / inorganic peroxide / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution

IMDG Code : 5.1/II  
UN No. : 1479  
IATA : 5.1

Hazard Pictogram(s) :--



**Skin irritation**



**Oxidising**