



# Product Specification

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## CUPROUS IODIDE FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>056195</b>	
<b>SYNONYMS</b>	<b>(Copper (I) Iodide)</b>	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(7681-65-4)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CuI</b>	<b>CuI</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>190.45</b>	
<b>PROPERTIES</b>	<b>Soluble in ammonia and potassium iodide solutions, insoluble in water.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Greyish white amorphous powder.	
Solubility	1% soln. in ammonia is clear & bright.	
Minimum assay (Iodometry)	99.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Sulphate (SO <sub>4</sub> )	0.01%	
Iron (Fe)	0.002%	
Free Iodine (I <sub>2</sub> )	0.05%	

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

<b>DANGER</b> <b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> <b>IF SWALLOWED:</b> Call a POISON CENTER or doctor/physician if you feel unwell. <b>IF ON SKIN:</b> Wash with plenty of soap and water. <b>IF INHALED:</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use. <b>Disposal :</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	IMDG Code :-- 9 / III UN No. :-- 3077 IATA :-- 9
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Hazard Pictogram(s) :



GHS05



GHS07



GHS09

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