



# Product Specification

cdhfinechemical.com

## 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%

### MAXIMUM LIMIT OF IMPURITIES

Sulphate (SO <sub>4</sub> )	0.5%
Iron (Fe)	0.005%
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> IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: 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) :



Replace Date 03-June-2026