



CUPROUS IODIDE FOR SYNTHESIS

PRODUCT CODE	R08173	
SYNONYMS	(Copper (I) Iodide)	
C.I. NO.	--	
CASR NO.	(7681-65-4)	
ATOMIC OR MOLECULAR FORMULA	CuI	CuI
ATOMIC OR MOLECULAR WEIGHT	190.45	
PROPERTIES	Soluble in ammonia and potassium iodide solutions, insoluble in water.	
PARAMETER	LIMIT	
Description	Greyish white amorphous powder.	
Solubility	1% soln. in ammonia is clear & bright.	
Minimum assay (Iodometry)	99.0%	
MAXIMUM LIMIT OF IMPURITIES		
Sulphate (SO ₄)	0.01%	
Iron (Fe)	0.002%	
Free Iodine (I ₂)	0.05%	
Note(s): Assay (if applicable) method mentioned.		
DANGER	HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.	IMDG Code :-- 9 / III UN No. :-- 3077 IATA :-- 9
PRECAUTIONARY STATEMENTS	Prevention: 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. Response: 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.	
Disposal :	The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	
Hazard Pictogram(s) :	  <p>GHS05 GHS07</p>	

replace Date 1 April 2023