



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\37856XPS.xls
PRODUCT CODE	37856
PRODUCT NAME	CUPROUS IODIDE LR (for synthesis)
SYNONYMS	(Copper (I) Iodide)
C.I. NO.	--
CASR NO.	(7681-65-4)
ATOMIC OR MOLECULAR FORMULA	CuI
ATOMIC OR MOLECULAR WEIGHT	190.45
PROPERTIES	Soluble in ammonia and potassium iodide solutions ,insoluble in water.

CuI

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.

WARNING

Hazard statements: May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic skin reaction. Suspected of damaging the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

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 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. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.

IMDG Code : 9/III
UN No. : 3077.
IATA : 9.

Disposal: ----

Hazard Pictogram(s) :



Skin irritation



Aspiration hazard



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
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