



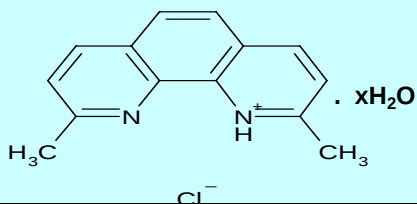
SDFCL
s d fine-CHEM limited
Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID:IPSI20903XPS.xls
PRODUCT CODE	20903
PRODUCT NAME	NEOCUPROINE HYDROCHLORIDE HYDRATE AR
SYNONYMS	2,9-Dimethyl-1,10-phenanthroline hydrochloride hydrate
C.I. NO.	--
CASR NO.	(303136-82-5)
ATOMIC OR MOLECULAR FORMULA	C ₁₄ H ₁₂ N ₂ .HCl.xH ₂ O
ATOMIC OR MOLECULAR WEIGHT	244.72(anhydrous)
PROPERTIES	Photosensitive



PARAMETER	LIMIT
Description	White to off white or pale yellow crystalline powder .
Solubility	2.5% solution in water is clear.
Identification (by FTIR)	Conforms.
Minimum Assay (Non-aqueous; Calc. on anhydrous basis.)	99.0%
Sulphated ash	Max. 0.1%
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

Hazard Pictogram(s) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 03.03.2003
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 29.02.2012
Date : 20.02.2012	Date : 20.02.2012	Date : 29.02.2012	AMEND NO.:1609