

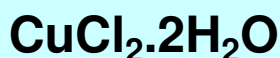


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20088XPS.xls
PRODUCT CODE	20088
PRODUCT NAME	CUPRIC CHLORIDE DIHYDRATE AR,ACS Meets Analytical Specification of USP
SYNONYMS	[Copper (II) chloride AR]
C.I. NO.	--
CASR NO.	(10125-13-0)
ATOMIC OR MOLECULAR FORMULA	CuCl ₂ .2H ₂ O
ATOMIC OR MOLECULAR WEIGHT	170.48
PROPERTIES	Loses 2HOH at 100°C.



PARAMETER	LIMIT
Description	Moist blue, bluish green or green crystals.
Solubility	10% solution in water is clear and bright.
Identification	Passes test.
Assay (Iodometric)	99.0 - 100.5%
pH (of 5% Aq. solution)	3.0 - 3.8
Loss on drying (at 105°C)	20.9 – 21.4%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Nitrate (NO ₃)	0.015%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.0002%
Calcium (Ca)	0.005%
Iron (Fe)	0.003%
Lead (Pb)	0.004%
Nickel (Ni)	0.001%
Potassium (K)	0.01%
Sodium (Na)	0.02%
Organic volatile impurities	Meets the requirement.

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

DANGER

Hazard statements: Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.

IMDG Code : 8/III
UN No. : 2802
IATA : 8

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals

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.: 06
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