

Since 1990



# CHEMORGE (JAIN)

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## CUPRIC CHLORIDE(ANHYDROUS) (CuCl<sub>2</sub>)

### STANDARD DATA SHEET

DIAMOND GRADE CONTACT 0091 9727716206

CHEMICAL FORMULA	CuCl <sub>2</sub>
MOLECULAR WEIGHT	134.45
CAS NO	7747 -- 39 -- 4
HSN CODE NO	28273990
APPERANCE	BROWINISH CRYSTALLINE POWDER (VERY HYGROSCOPIC)
PROPERTY	SOLUBLE IN WATER

### STANDARD SPECIFICATIONS

TOTAL COPPER %	46.30 % Min
PURITY %	98.00 % Min
ACID INSOLUBLES ( THROUGH 200 mesh shive)	100 ppm Max
PH- 5 % SOLUTION	1.5 TO 4.0
LOSS ON DRYING AT 100 D CENTI	1.50 % Max

### IMPURITIES DETAILS

IRON (Fe)	100 ppm max
LEAD (Pb)	ALMOST NILL
NICKEL (Ni)	50 ppm max
POTASSIUM (K)	50 ppm max
SODIUM (Na)	50 ppm max
CALCIUM (Ca)	50 ppm max
SULPHATE (So <sub>4</sub> )	50 ppm max



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### SHIPPING INFORMATION (HAZARDOUS CARGO)

PROPER SHIPPING NAME	COPPER CHLORIDE SOLUTION
H.S. TARRIF NO	282739
IMO CLASSIFICATION	8 , CORROSIVE , MARINE POLLUTANT
U.N.NO	2802
PACKING GROUP	III
PACKING	25 / 50 KG BAG OR DRUMS OR AS PER REQUIRED

### APPLICATION

- (1) Widely used in manufacturing Copper Pthalocyanine Green.
- (2) is used as deodorizing in the petroleum industry.
- (3) Used as an oxidizing agent.
- (4) Used as a purifying agent.
- (5) Used as mordant in dyeing.
- (6) Used as a disinfectant.
- (7) Used in water treatment
- (8) Used in the manufacturing of agricultural chemicals.
- (9) Used as a fixer in photography.
- (10) Used in laundry marking inks.
- (11) Used in electrotype baths.