

CADMIUM SULPHATE

01	PRODUCT NAME	Cadmium Sulphate
	- COMMON NAME	CADMIUM SULPHATE MONO HYDRATE
	- TECHINCAL NAME	HYDRATED SULFATE OF CADMIUM
02	PRODUCT DETAILS	CdS04.H2O
	MOLECULAR FORMULA	
	STRUCTURAL FORMULA	Cd-S-04X7.H2O
	MOLECULAR WEIGHT	226.490 g/mol
	CAS NO	10124-36-4
	IUPAC NAME	SULFATE OF CADMIUM
03	- PURITY	98% BY WT.
	MAIN IMPURITES	Pb – Less than 20 PPM Fe - Less than 20 PPM Sn - Less than 30 PPM Zn: Less than 30 PPM Cu: Less than 05 PPM SO4: Less than 10 PPM
	COLOR	BRIGHT WHITE AMORPHOUS POWDER
	CADMIUM CONTENT	48.5%
04	- PHYSICAL PROPERTIES	
	SOLUBILITY IN WATER	75 g/100 mL (0 °C) 76.4 g/100 mL (25°C) INSOLUBLE IN ETHANOL
	NATURE (ACIDIC/BASIC)	SLIGHTLY ACIDIC
	BOILING POINT	DECOMPOSES EASILY
	MELTING POINT	105 °C
	DENSITY	4.691 g/cm ³
05	PACKING DETAILS	50 KG UN APPROVED FIBER DRUM DOUBLE LINED PP BAGS AS INNER PACKING
06	PRODUCTION CAPACITY	1.5 MT PER DAY

	MONTHLY	40 MT PER MONTH
	YEARLY	480 MT PER YEAR
07	DISPATCH DETAILS	22 MT IN 20FT CONTAINER WITHIN 10 DAYS AFTER CONFIRMATION
08	LOGISTIC DETAILS	BY SEA, TRUCK LOAD QUANTITIES LESS THAN 1 MT CAN BE ARRANGED BY AIR ALSO.
09	APPLICATION OF THE PRODUCTS	CERAMIC PIGMENTS GLASS COLORS GLASS PIGMENTS REAGENTS BATTERIES

