

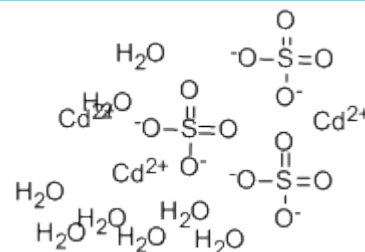


Product Specification

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CADMIUM SULPHATE AR/ACS

PRODUCT CODE	479000
SYNONYMS	--
C.I. NO.	--
CASR NO.	7790-84-3
ATOMIC OR MOLECULAR FORMULA	3CdSO ₄ ·8H ₂ O
ATOMIC OR MOLECULAR WEIGHT	769.52
PROPERTIES	Loses water above 40°C ; Thermal decom. Above 80°C.
PARAMETER	LIMIT
Description	Colourless to white crystals or crystalline powder.
Solubility	5% solution in water is clear and colourless.
Assay (Complexometric)	98.0 - 102%
pH of (5% solution in water)	3.0 - 6.0
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Nitrate & Nitrite (as NO ₃)	0.003%
Calcium (Ca)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.002%
Potassium (K)	0.01%
Sodium (Na)	0.02%
Zinc (Zn)	0.005%
Note(s) : 1) Assay (if applicable) method mentioned.	
DANGER Hazard statements: Fatal if inhaled. Toxic if swallowed .Harmful in contact with skin. May cause CANCER. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to life in the soil. Precautionary statements Prevention: Wear respiratory protection. Wear protective gloves/clothing Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Response: If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water Disposal: Dispose of contents and container in accordance with relevant legislation.	
IMDG Code : 6.1/III UN No. : 2570 IATA : 6.1	





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GHS06



GHS08



GHS09

Replace Date 13-Aug-2026