



Product Specification

cdhfinechemical.com

ZINC SULPHATE AR/ACS MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	695835
SYNONYMS	Zinc sulphate-7-hydrate
C.I. NO.	--
CASR NO.	(7446-20-0)
ATOMIC OR MOLECULAR FORMULA	ZnSO₄.7H₂O
ATOMIC OR MOLECULAR WEIGHT	287.54
PROPERTIES	Melting point 100°C; loses 7 H₂O at 280°C.
PARAMETER	LIMIT
Description	Colourless or white efflorescent crystals /crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test.
Minimum Assay (Complexometric)	99.5%
pH (5% soln. in water)	4.4 – 5.6



MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Acidity	Passes test.
Chloride (Cl)	0.0005%
Total nitrogen	0.001%
Arsenic (As)	0.0001%
Cadmium (Cd)	0.0005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Manganese (Mn)	0.0003%
Alkali and alkaline earth metals	0.9%

Note(s): Assay (if applicable) method mentioned.	
DANGER Hazard statements : Harmful if swallowed. Causes mild skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. Precautionary statements Prevention: Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Response: Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.	IMDG Code : 9/III UN No. : 3077 IATA : 9
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	



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Hazard Pictogram(s) :



GHS05



GHS07



GHS09