



SDFCL
s d fine-chem limited

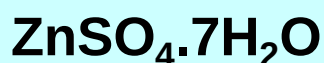


Quality Control Dept.

Quality

Product Specification

E Control	QC2\DATAD\ID:IPS\20299XPS.xls
PRODUCT CODE	20299
PRODUCT NAME	ZINC SULPHATE HEPTAHYDRATE AR Meets Analytical Specification of IP/BP/USP/Ph. Eur
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7446-20-0)
ATOMIC OR MOLECULAR FORMULA	ZnSO ₄ .7H ₂ O
ATOMIC OR MOLECULAR WEIGHT	287.54
PROPERTIES	Melting point 100°C ; loses 7HOH 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 of (5% solution 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.

HAZARD

DANGER

Toxic if swallowed.Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY

STATEMENTS

Prevention: Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Response : 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.

Rinse mouth. Collect spillage.

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.

IMDG Code : 9/III
UN No. : 3077
IATA : 9

Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals



Aquatic environment

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.: 05
Sign. :	Sign. :	Sign. :	Revision dt. : 27.03.2015.
Date : 18.03.2015.	Date : 18.03.2015.	Date : 27.03.2015.	AMEND NO. :1676