



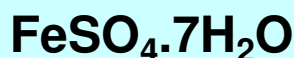
SDFCL
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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20112XPS.xls
PRODUCT CODE	20112
PRODUCT NAME	FERROUS SULPHATE AR, ACS Meets analytical specification of IP, BP, USP, Ph.Eur.
SYNONYMS	(Iron (II) Sulphate)
C.I. NO.	--
CASR NO.	(7782-63-0)
ATOMIC OR MOLECULAR FORMULA	FeSO ₄ .7H ₂ O
ATOMIC OR MOLECULAR WEIGHT	278.01
PROPERTIES	Insoluble in alcohol, mp 64°C, Hygroscopic.



PARAMETER	LIMIT
Description	Bluish green crystals or light green crystalline powder.
Solubility	10% solution in a mixture of freshly boiled, cooled water and dilute sulphuric acid is clear and bright.
Identification	Passes test.
Minimum Assay (Redox Titration)	99.5%
pH of 5% soln in water.	3 - 4
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.0005%
Nitrogen compound (N)	0.001%
Arsenic (As)	0.0002%
Copper (Cu)	0.001%
Ferric ion (Fe ³⁺)	0.1%
Lead (Pb)	0.0005%
Manganese (Mn)	0.05%
Mercury (Hg)	0.0002%
Zinc (Zn)	0.005%
Organic volatile impurities	Excluded by Production process.

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation

Precautionary statements

Prevention : Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing Wash/Decontaminate removed clothing before reuse.

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Skin irritation

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.: 03
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