



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Q. Product Specification

E Control	QC2\DATAD\D:\PS\37166XPS.xls
PRODUCT CODE	37166
PRODUCT NAME	AMMONIUM FERROUS SULPHATE EXTRAPURE
SYNONYMS	(Mohr's salt),(Ammonium iron (II) sulphate),(Ferrous ammonium sulphate)
C.I. NO.	--
CASR NO.	(7783-85-9)
ATOMIC OR MOLECULAR FORMULA	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	392.13
PROPERTIES	Insoluble in alcohol, decomposes at 100 - 110 °C, deliquescent, affected by light.



PARAMETER	LIMIT
Description	Pale greenish blue crystals or crystalline powder.
Solubility	10% solution in freshly boiled and cooled water and dilute sulphuric acid is clear.
Minimum Assay (Redox Titration)	98.5%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Ferric ion (Fe^{3+})	0.05%
Lead (Pb)	0.003%

Note(s) : 1.) Assay (if applicable) method mentioned.

2.) Due to inherent oxidation, ferric ion (Fe^{3+}) content may increase on storage.

WARNING

Hazard statements : May cause respiratory irritation. May be harmful if swallowed.
Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : --
UN No. : --
IATA : --

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

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
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

