



SDFCL
s d fine-chem limited

Quality Control Dept.



Q

Product Specification

E Control	QC2\DATAD\ID:PS\20152XPS.xls
PRODUCT CODE	20152
PRODUCT NAME	MANGANOUS CHLORIDE AR
SYNONYMS	[Manganese (II) chloride AR]
C.I. NO.	--
CASR NO.	(13446-34-9)
ATOMIC OR MOLECULAR FORMULA	MnCl ₂ .4H ₂ O
ATOMIC OR MOLECULAR WEIGHT	197.90
PROPERTIES	Insoluble in ether. Soluble in alcohol.

MnCl₂.4H₂O

PARAMETER	LIMIT
Description	Pink crystals / crystalline powder.
Solubility	10% solution in water is clear.
Minimum Assay (Complexometric; ex Mn)	99.0%
pH of (5.0% solution in water)	Not less than pH 5.0
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Sulphate (SO ₄)	0.0025%
Barium (Ba)	0.01%
Calcium (Ca)	0.2%
Copper (Cu)	0.0002%
Iron (Fe)	0.001%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.04%
Nickel (Ni)	0.002%
Zinc (Zn)	0.02%
Oxidising substances	No reaction.
Substances reducing iodine (I)	0.0065%

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

WARNING

Hazard statements : Harmful if inhaled. Harmful if swallowed

Precautionary statements

Prevention : Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product.

Response : Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

IMDG Code :--

UN No. :--

IATA :-

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. : 01.
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. :1554

