

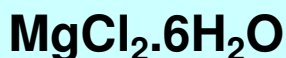


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20149XPS.xls
PRODUCT CODE	20149
PRODUCT NAME	MAGNESIUM CHLORIDE AR Meets Analytical Specification of IP/BP/USP/Ph. Eur
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7791-18-6)
ATOMIC OR MOLECULAR FORMULA	MgCl ₂ .6H ₂ O
ATOMIC OR MOLECULAR WEIGHT	203.30
PROPERTIES	At 100 °C loses 2H ₂ O; at 110 °C begins to lose some HCl. mp~118 °C (with decomposition)



PARAMETER	LIMIT
Description	A colourless deliquescent crystals / crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test.
Minimum Assay (Complexometric)	99.0%
pH (5% aq. soln.)	4.5 – 7.0
Water	51 – 55%

MAXIMUM LIMIT OF IMPURITIES

Water insoluble matter	0.003%
Acidity (HCl)	0.001%
Alkalinity (MgO)	0.0005%
Sulphate (SO ₄)	0.002%
Aluminium (Al)	0.0001%
Arsenic (As)	0.0001%
Barium (Ba)	0.005%
Bromide (Br)	0.05%
Calcium (Ca)	0.01%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Heavy metals (as Pb)	0.0002%
Potassium (K)	0.005%
Organic volatile impurities	Meets the requirement.
Zinc (Zn)	0.001%

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

WARNING

Hazard statements : May be harmful if swallowed.

Precautionary statements

Prevention: ----

Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: ----

Hazard Pictogram(s) : ----

IMDG Code :--

UN No. :--

IATA :--

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.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

