



SDFCL
S d fine-CHEM limited



Quality Control Dept.

Qu: Product Specification

E Control	QC2\DATAD\ID\PS\20198XPS.xls
PRODUCT CODE	20198
PRODUCT NAME	POTASSIUM CHLORIDE AR Meets Analytical Specification of IP, BP, Ph.Eur
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7447-40-7)
ATOMIC OR MOLECULAR FORMULA	KCl
ATOMIC OR MOLECULAR WEIGHT	74.55
PROPERTIES	Insoluble in ether, acetone, hydrochloric acid.

KCl

PARAMETER	LIMIT
Description	Colourless crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test.
Minimum Assay	99.5%
pH of 5% w/v aqueous solution	5.0 - 8.0
Loss on drying (at 150 °C)	Max. 0.2%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.003%
Acidity (as HCl)	0.003%
Alkalinity (as KOH)	0.005%
Sulphate (SO ₄)	0.003%
Total Nitrogen (N)	0.001%
Arsenic (As)	0.0001%
Aluminium (Al)	0.0001%
Barium (Ba)	0.001%
Bromide (Br)	0.01%
Iodide (I)	0.002%
Phosphate (PO ₄)	0.0005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.0005%
Magnesium & alkaline earth metals	0.02%

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

WARNING

Hazard statements : Harmful if swallowed. Causes eye irritation.

Precautionary statements

Prevention : Wash hands 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. Specific treatment: refer to Label or MSDS.

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

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.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010

Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554
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