



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\20344XPS.xls
PRODUCT CODE	20344
PRODUCT NAME	POTASSIUM FLUORIDE ANHYDROUS AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	KF
ATOMIC OR MOLECULAR WEIGHT	58.10
PROPERTIES	Attracts moisture from the air.

KF

PARAMETER	LIMIT
Description	A white hygroscopic powder.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (ion-exchange)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Water insoluble matter	0.005%
Free alkalinity (as KOH)	0.05%
Free acid (as HF)	0.05%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.004%
Lead (Pb)	0.001%
Potassium fluorosilicate (SiF ₆)	0.05%

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

DANGER

Hazard statements : Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes severe skin burns and eye damage.

Precautionary statements

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

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Wash contaminated clothing before reuse. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell.

Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.

IMDG Code : 6.1/III
UN No. : 1812
IATA : 6.1

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) :



Acute toxicity



Corrosive to metals

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
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