



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Qu Product Specification

E Control	QC2\DATAD\ID\PS\20222XPS.xls
PRODUCT CODE	20222
PRODUCT NAME	POTASSIUM THIOCYANATE AR
SYNONYMS	(Potassium sulphocyanide)
C.I. NO.	--
CASR NO.	(333-20-0)
ATOMIC OR MOLECULAR FORMULA	KSCN
ATOMIC OR MOLECULAR WEIGHT	97.18
PROPERTIES	Soluble in water, alcohol, acetone.



PARAMETER	LIMIT
Description	Colourless deliquescent crystals.
Solubility	10% solution in water is clear & colourless.
Minimum Assay (argentometric)	99.0%
pH of 5% solution (aqueous)	5.3 - 8.7
MAXIMUM LIMIT OF IMPURITIES	
Water insoluble matter	0.003%
Ammonium (NH ₄)	0.002%
Chloride (Cl)	0.005%
Iodine consuming substances (I)	0.013%
Sulphate (SO ₄)	0.002%
Sulphide (S)	0.001%
Copper (Cu)	0.0002%
Iron (Fe)	0.0001%
Lead (Pb)	0.0002%

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

WARNING Hazard statements : Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Suspected of damaging the unborn child. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Use only out doors or in a well ventilated area. Wear protective gloves/clothing Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response: Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse. If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water.	IMDG Code : -- UN No. : -- IATA : --
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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



Aspiration hazard

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
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