



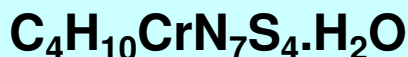
SDFCL
S d FINE-CHEM LIMITED

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\20888XPS.xls
PRODUCT CODE	20888
PRODUCT NAME	AMMONIUM REINECKATE AR,ACS Meets Analytical Specification of Reag, USP, Reag,Ph. Eur.
SYNONYMS	(Ammonium tetra (thiocyanato) diammine chromate(III) monohydrate), (Ammonium diammine tetrakis(thiocyanato-N)Chromate(1-))
C.I. NO.	--
CASR NO.	(13573-16-5)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ CrN ₇ S ₄ .H ₂ O
ATOMIC OR MOLECULAR WEIGHT	354.44
PROPERTIES	Decomposes in aqueous solution



PARAMETER	LIMIT
Description	Dark red crystals or crystalline powder.
Solubility	Moderately soluble in cold water soluble in hot water and alcohol.
Minimum Assay (Gravimetry)	96.0%
Loss on drying (at 105 °C)	Max. 2.0%
Sensitivity to choline chloride	Passes test.

MAXIMUM LIMIT OF IMPURITIES

Insoluble in dilute Hydrochloric acid	0.05%

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

2.) Aqueous solution of Ammonium reinecke salt decomposes slowly with evolution of hydrogen cyanide (HCN) gas. Decomposition is rapid above 65 °C.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code : --

UN No. : --

IATA : --

Disposal: The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.

Hazard Pictogram(s) :--

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. : 04
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