



SDFCL
s d fine-CHEM limited
Quality Control Dept.



C

Product Specification

E Control	QC2\DATAD\D:\PS\20352XPS.xls
PRODUCT CODE	20352
PRODUCT NAME	AMMONIUM IODIDE AR, ACS
SYNONYMS	--
C.I. NO.	--
CASR NO.	(12027-06-4)
ATOMIC OR MOLECULAR FORMULA	NH ₄ I
ATOMIC OR MOLECULAR WEIGHT	144.94
PROPERTIES	Melting point sublimes with decomposition. Affected by light, may turn yellow on storage.

NH₄I

PARAMETER	LIMIT
Description	White to pale yellow crystalline powder.
Minimum Assay (Redox titration of Iodide)	99.0%
pH of 5% soln.in water	4.5 - 6.5
Residue on ignition (as Sulphate)	Max. 0.05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Chloride & Bromide (as Cl)	0.005%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.05%
Barium (Ba)	0.002%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.001%

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

2] Note : This compound may turn yellow on storage.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. Salts which are acidic in aqueous solns. are if necessary , first mixed with sodium bicarbonate or carbonate powder, dissolved in plenty of water and usually disposed off into waste water in naturalized form. Maximum permissible concentration should be observed.

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.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

