

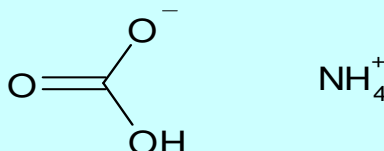


SDFCL
s d fine-CHEM limited
Quality Control Dept.



QC Product Specification

E Control	QC2\DATA\ID:\PS\20302XPS.xls
PRODUCT CODE	20302
PRODUCT NAME	AMMONIUM HYDROGEN CARBONATE AR
SYNONYMS	(Ammonium bicarbonate)
C.I. NO.	--
CASR NO.	(1066-33-7)
ATOMIC OR MOLECULAR FORMULA	NH ₄ HCO ₃
ATOMIC OR MOLECULAR WEIGHT	79.06
PROPERTIES	Insoluble in alcohol, melting point decomposes at 36 to 60 °C. Noncombustible.



PARAMETER	LIMIT
Description	A white crystalline powder with a slight ammonical odour.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.003%
Non volatile matter	0.005%
Chloride (Cl)	0.0002%
Phosphate (PO ₄)	0.001%
Silicate (SiO ₂)	0.005%
Sulphate (SO ₄)	0.002%
Arsenic (As)	0.00004%
Calcium (Ca)	0.002%
Copper (Cu)	0.0002%
Iron (Fe)	0.0001%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.002%
Sulphide (S)	0.0002%

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

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ----- Response : ---	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) :--

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 01 Revision dt. : 02.04.2010 AMEND NO. : 1554
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