

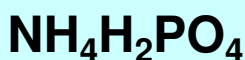


SDFCL
S d FINE-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\20020XPS.xls
PRODUCT CODE	20020
PRODUCT NAME	AMMONIUM DIHYDROGEN ORTHOPHOSPHATE AR
SYNONYMS	(Ammonium phosphate monobasic)
C.I. NO.	--
CASR NO.	(7722-76-1)
ATOMIC OR MOLECULAR FORMULA	NH ₄ H ₂ PO ₄
ATOMIC OR MOLECULAR WEIGHT	115.03
PROPERTIES	Mildly acid in reaction. Noncombustible.



PARAMETER	LIMIT
Description	Colourless crystals or a white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	99.0%
pH of (5% soln in CO ₂ free water)	4.0 - 4.5
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Nitrate (NO ₃)	0.001%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.0001%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%

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

WARNING Hazard statements : Harmful to life in the soil. 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) :



Aquatic environment

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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