



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\20249XPS.xls
PRODUCT CODE	20249
PRODUCT NAME	DI-SODIUM HYDROGEN ORTHOPHOSPHATE ANHYDROUS AR Meets Analytical Specification of BP, USP, Ph. Eur.
SYNONYMS	(Sodium phosphate dibasic anhydrous)
C.I. NO.	--
CASR NO.	(7558-79-4)
ATOMIC OR MOLECULAR FORMULA	Na ₂ HPO ₄
ATOMIC OR MOLECULAR WEIGHT	141.96
PROPERTIES	--

Na₂HPO₄

PARAMETER	LIMIT
Description	A white powder.
Solubility	5% solution in water is clear and colourless.
Identification	Passes test.
Minimum Assay (Acidimetric; dried substance)	99.0%
pH of (5% soln. in water)	8.7 – 9.3
Loss on drying (at 130 °C)	Max.1.0%
Reducing substances	Passes test.
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Chloride (Cl)	0.002%
Nitrogen compounds (N)	0.002%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.0002%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Sodium dihydrogen phosphate/monosodium phosphate	Passes test.

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

WARNING Hazard statements : Causes mild skin irritation. Causes eye irritation. Precautionary statements Prevention : Wash thoroughly after handling. Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/attention. Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	IMDG Code : -- UN No. : -- IATA : --
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Hazard Pictogram(s) :--

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 16.05.2011	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 16.05.2011	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 30.05.2011	Issue Date : 01.07.2002 Revision No. : 04 Revision dt. : 30.05.2011 AMEND NO. : 1587
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