



Product Specification

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DI-SODIUM HYDROGEN ORTHO PHOSPHATE ANHYDROUS AR

PRODUCT CODE	643385	
SYNONYMS	(Sodium phosphate dibasic anhydrous)	
C.I. NO.	--	
CASR NO.	(7558-79-4)	
ATOMIC OR MOLECULAR FORMULA	Na₂HPO₄	Na₂HPO₄
ATOMIC OR MOLECULAR WEIGHT	141.96	
PROPERTIES	--	

PARAMETER	LIMIT	
Description	White crystalline 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	

MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 130°C)	1.0%	
Reducing substances	Passes test.	
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 dihydrogenphosphate/ Monosodiumphosphate	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.	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) :-

Replace Date 18-Nov-2020