



# Product Specification

cdhfinechemical.com

## 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	Na <sub>2</sub> HPO <sub>4</sub>	Na <sub>2</sub> HPO <sub>4</sub>
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 <sub>4</sub> )	0.005%	
Copper (Cu)	0.001%	
Iron (Fe)	0.001%	
Lead (Pb)	0.001%	
Sodium dihydrogenphosphate/ Monosodiumphosphate	Passes test.	
Note(s) : Assay (if applicable) method mentioned.		
<b>WARNING</b> <b>Hazard statements</b> :Causes mild skin irritation. Causes eye irritation. <b>Precautionary statements</b> <b>Prevention</b> :Wash thoroughly after handling. <b>Response</b> :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 :
<b>Disposal</b> : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
<b>Hazard Pictogram(s)</b> :--		

Replace Date 03-Dec-2025