



Product Specification

cdhfinechemical.com

DI-SODIUM HYDROGEN ORTHO PHOSPHATE DIHYDRATE PURIFIED

PRODUCT CODE	030157	
SYNONYMS	(Sodium phosphate dibasic dihydrate) (Sorensen's salt)	
C.I. NO.	--	
CASR NO.	(10028-24-7)	
ATOMIC OR MOLECULAR FORMULA	Na ₂ HPO ₄ ·2H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	177.99	Na ₂ HPO ₄ ·2H ₂ O
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A white or almost white crystalline powder or colourless crystals.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric; dried substance)	99.0%	
pH (of 5% Aq. solution)	7.5-9.2	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 120°C, 4 hours)	18.0-22.0%	
Chloride (Cl)	0.02%	
Sulphate (SO ₄)	0.1%	
Iron (Fe)	0.01%	
Lead (Pb)	0.01%	
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 :
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 30-Sep-2025