



Product Specification

cdhfinechemical.com

di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS HIPURE TYPE I



PRODUCT CODE	H59954
SYNOMYS	--
C.I. NO.	--
CASR NO.	(7758-11-4)
ATOMIC OR MOLECULAR FORMULA	K_2HPO_4
ATOMIC OR MOLECULAR WEIGHT	174.18
PROPERTIES	Hygroscopic.
PARAMETER	LIMIT
Description	A white hygroscopic crystals / crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	99.5%
pH (5% aq. solution)	8.5 - 9.6
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Loss on drying	1%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.0005%
Copper (Cu)	0.0005%
Sodium (Na)	0.05%
Nitrogen compounds	0.001%
Note(s) : Assay (if applicable) method mentioned.	
WARNING	
Hazard statements :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.	IMDG Code : I
Precautionary statements	UN No. : IATA : GHS07
Prevention :Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.	
Response :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.	
Hazard Pictogram(s) :-	 GHS07

Replace Date 12-Jan-2026