




di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS AR

PRODUCT CODE	R05008	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-11-4)	
ATOMIC OR MOLECULAR FORMULA	K_2HPO_4	
ATOMIC OR MOLECULAR WEIGHT	174.18	K_2HPO_4
PROPERTIES	Hygroscopic.	
PARAMETER	LIMIT	
Description	A white hygroscopic crystals / crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric)	99.0%	
pH (5% solution)	8.5 - 9.5	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.01%	
Ammonium (NH_4)	0.0005%	
Chloride (Cl)	0.003%	
Sulphate (SO_4)	0.005%	
Nitrate (NO_3)	0.005%	
Arsenic (As)	0.0001%	
Calcium (Ca)	0.01%	
Heavy metals (Pb)	0.0005%	
Iron (Fe)	0.002%	
Magnesium (Mg)	0.005%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : I
Hazard statements :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.		UN No. :
Precautionary statements		IATA :
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 1 April 2023

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