

**Product Specification****POTASSIUM DIHYDROGEN ORTHOPHOSPHATE
ANHYDROUS AR/ACS**

PRODUCT CODE	612705
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7778-77-0)
ATOMIC OR MOLECULAR FORMULA	KH₂PO₄
ATOMIC OR MOLECULAR WEIGHT	136.09
PROPERTIES	Insoluble in alcohol.

KH₂PO₄

PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Assay (Acidimetric; after drying.)	99.5 - 100.5%
pH of (5% solution in water)	4.3 - 4.5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C)	0.2%
Insoluble matter	0.01%
Chloride (Cl)	0.0005%
Nitrate (NO ₃)	0.001%
Sulphate (SO ₄)	0.005%
Ammonium (NH ₄)	0.0025%
Calcium (Ca)	0.01%
Iron (Fe)	0.002%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.005%

Note(s) : Assay (if applicable) method mentioned.**WARNING****Hazard statements :** 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 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) :-**