


## di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS AR

|   |  |                                     |
|---|--|-------------------------------------|
| <b>PRODUCT CODE</b>   | <b>613905</b>                                      |                                     |
| <b>SYNONYMS</b>   | --   |                                     |
| <b>C.I. NO.</b>   | --   |                                     |
| <b>CASR NO.</b>   | <b>(7758-11-4)</b>                                 |                                     |
| <b>ATOMIC OR MOLECULAR FORMULA</b>  | <b>K<sub>2</sub>HPO<sub>4</sub></b>                | <b>K<sub>2</sub>HPO<sub>4</sub></b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>   | <b>174.18</b>                                      |                                     |
| <b>PROPERTIES</b>   | <b>Hygroscopic.</b>                                |                                     |
| <b>PARAMETER</b>  | <b>LIMIT</b>                                       |                                     |
| 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  |                                     |
| <b>MAXIMUM LIMIT OF IMPURITIES</b>  |  |                                     |
| Insoluble matter  | 0.01%  |                                     |
| Chloride (Cl)   | 0.003%   |                                     |
| Sulphate (SO <sub>4</sub> )   | 0.005%   |                                     |
| Heavy metals (Pb)   | 0.0005%  |                                     |
| Iron (Fe)   | 0.002%   |                                     |
| <b>Note(s) : Assay (if applicable) method mentioned.</b>  |  |                                     |
| <b>WARNING</b><br><b>Hazard statements</b> :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.<br><b>Precautionary statements</b><br><b>Prevention</b> :Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.<br><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 eye irritation persists: Get medical advice/attention. |  | IMDG Code :<br>UN No. :<br>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><br><div style="text-align: center;"> <br/>           GHS07         </div>  |  |                                     |

Replace Date 12-Jan-2026