



# Product Specification

cdhfinechemical.com

## POLYPHOSPHORIC ACID AR

<b>PRODUCT CODE</b>	<b>612135</b>
<b>SYNONYMS</b>	<b>(Phospholeum, Tetraphosphoric acid)</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>(8017-16-1)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b><math>H_{n+2}P_nO_{3n+1}</math></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	--
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Clear Colourless, transparent & odourless viscous liquid.
Solubility	Soluble in ethanol & water. (5% in water is clear & colourless soln. with evolution of heat).
Minimum assay (as P <sub>2</sub> O <sub>5</sub> Titrimetry)	About 85%
Wt. per ml at 20°C	About 2.0 g

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Arsenic (As)	0.002%
Iron (Fe)	0.005%
Lead (Pb)	0.001%

**Note(s) : Assay (if applicable) method mentioned.**

<p><b>DANGER</b>  <b>HAZARD STATEMENTS</b> : Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to life in the soil.  <b>PRECAUTIONARY STATEMENTS</b> :  <b>Prevention</b>: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.  <b>Response</b> : Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS.</p>	<p>IMDG Code : 8/II  UN No. : 3264  ATA : 8</p>
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**Disposal**: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :--



GHS05

Replace date 24-Feb-2026