

# SYSTEM

## Specification

PRODUCT NAME : *ortho*-Phosphoric Acid-85%, ChemAR<sup>®</sup>  
CATALOGUE NUMBER : PH781-70  
FORMULA : H<sub>3</sub>PO<sub>4</sub>  
MOLECULAR WEIGHT : 98.00  
CAS. NUMBER : [7664-38-2]

IMDG class : 8

UN No : 1805

Packaging group : III

**HAZARD STATEMENT:** H314

**PRECAUTIONARY STATEMENT:** P280,P301+P330+P331,P305+P351+P338,P309+P310

**Risiko (Risks):**R34,

**Keselamatan (Safety):**S26,S36/37/39,S45

### Specification

Assay(acidimetric)	min.85.0 %
Chloride(Cl)	max.0.0002 %
Colour	10 Hazen
Phosphite & hypophosphite (as H <sub>3</sub> PO <sub>3</sub> )	max.0.005 %
Volatile acids(CH <sub>3</sub> COOH)	max.0.001 %
Fluoride(F)	max.0.0001 %
Nitrate(NO <sub>3</sub> )	max.0.0005 %
Sulphate(SO <sub>4</sub> )	max.0.005 %
Arsenic(As)	max.0.00005%
Cadmium(Cd)	max.0.0001 %
Calcium(Ca)	max.0.005 %
Copper(Cu)	max.0.0001 %
Cobalt(Co)	max.0.0001 %
Substances reducing permanganate(O)	max.0.001 %
Iron(Fe)	max.0.001 %
Lead(Pb)	max.0.0001 %
Magnesium(Mg)	max.0.001 %
Manganese(Mn)	max.0.0001 %
Nickel(Ni)	max.0.0001 %
Sodium(Na)	max.0.05 %
Potassium(K)	max.0.0005 %
Zinc(Zn)	max.0.0002 %
Wt/ml at 20°C	1.70g



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