Phosphoric Acid 85%
CAS # 7664-38-2

TECHNICAL DATA
TYPICAL ANALYSIS                              SPECIFICATIONS
Phosphoric Acid (H2PO3), %wt                   85% Minimum
Specific Gravity @ 68 Deg                      1.686 Minimum
Appearance                                      1.686 Minimum
Phosphorus Pentoxide P2O5, wt%                 61.5% Minimum
Chlorides (Cl), PPM                            10PPM Maximum
Heavy Metals, PPM                              10PPM Maximum
Fe (Iron), PPM                                  10PPM Maximum

PHYSICAL PROPERTIES
#/Gallon                                        14.10
Flash Point                                      N/A
Appearance & Odor                               colorless, odorless liquid.
Physical State                                   Liquid
Stability - Conditions to Avoid                 Stable-Reacts exothermically with water.
Incompatibility                                 Oxidizers, metals, alkali, cyanides
Hazardous Decomposition                         Reacts with metals to form hydrogen gas.
Polymerization - Conditions to Avoid            Will not occur-None.
Unusual Fire & Explosion Hazards                Cool containers exposed to intense heat with water to prevent container rupture. Reacts violently with water.

USES & APPLICATIONS
Fertilizers, soaps & detergents, inorganic phosphates, pickling & rust-proofing metals, pharmaceuticals, sugar refining, gelatin mfg, water treatment, animal feeds, electropolishing, gasoline additive, conversion coatings for metals, catalyst for ethanol mfg, lakes in cotton dyeing, yeast, soil stabilizer, waxes & polishes, binder for ceramics, activated carbon, in foods & carbonated beverages as acidulant & sequestran, laboratory reagent.

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