

# PHOSPHORIC ACID (85%)



## General Information

Chemical Formula	H <sub>3</sub> PO <sub>4</sub>	
Synonym	ORTHOPHOSPHORIC ACID; Sonac; O-Phosphoric acid; Phosphorsaeure	
Origin	China	
H.S. Code	2809.20.20	
CAS No.	7664-38-2	
Molecular Weight	97.97 g mol <sup>-1</sup>	

## Application

Fertilizers	Used in the form of super phosphoric acid for the production of DAP and MAP.
Metal finishing	Used for metal polishing, rust proofing and metal pickling for aluminium, stainless steel, copper etc. It is employed as rust removing agent for equipment maintenance e.g. boilers and heat exchangers
Food	Used as acidulant, flavouring agent and yeast nutrient in beverages, cold drinks and jams.
Chemicals	Used for production of phosphate salts and hydrogen halides.
Other applications	It is used as catalyst in plastic industry, ceramic colours and in etching process of semiconductors in LCD.

## Specification

Property	Units	Value
Appearance	-	Colourless liquid
Chroma	%	20.0
Purity (H <sub>3</sub> PO <sub>4</sub> )	%	75.0
As	%	0.005
Sulfate (SO <sub>4</sub> )	%	0.005
Heavy metals (Pb)	%	0.001
Iron (Fe)	%	0.002
Chlorine (Cl)	%	0.0005

## Packaging

- 640 @ 35 kg PlasticDrums, 22.4 MT / 20'FCL