

**Product Name****Phosphoric acid 85 %****Grade: Extra pure****Synonyms**

Orthophosphoric acid , Trihydroxylphosphine oxide

**CAS Number**

7664-38-2

**General Information**

<b>Chemical formula:</b>	H <sub>3</sub> PO <sub>4</sub>	<b>Molar Mass:</b>	98.00 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	1.71 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C)	<b>Melting point:</b>	~ 21 °C
<b>Boiling point:</b>	158 °C	<b>Flash point:</b>	N/A
<b>Storage temp.:</b>	above 15 °C & below 30 °C	<b>Cautions:</b>	Corrosive
<b>R:</b>	34	<b>S:</b>	26-36/37/39-45
<b>HS-No.:</b>	2809 20 00	<b>EC-Index-No.:</b>	231-633-2

**Hazard Symbol****Specification**

Assay	≥	85.0	%
Solubility		Conforms	
Identification (phosphate)		Conforms	
Phosphorus and hypophosphorus acid		Conforms	
Sulfate(SO <sub>4</sub> )		Conforms	
Heavy metals	≤	10	ppm

**Ordering Information**

Volume:	1 L	2.5 L	5 L	10 L	20 L
<b>Plastic</b>	208.06.01000.02	208.06.02500.02	208.06.05000.02	208.06.10000.02	208.06.20000.02
<b>Glass</b>	208.06.01000.01	208.06.02500.01	–	–	–