

Product Name**ortho - Phosphoric acid 85%****Grade: USP****Synonyms**

Orthophosphoric acid , Trihydroxylphosphine oxide

CAS Number

7664-38-2

General Information

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

**Hazard Symbol****Specification**

Assay	85.0 - 88.0	%
Identification (phosphate)	Conforms	
Solubility	Conforms	
Chloride and sulfate	Conforms	
Alkali phosphates	Conforms	
Phosphorous or hypophosphorous acid	Conforms	
Heavy metals	≤ 10	ppm
Limit of Nitrate	Conforms	

Ordering Information

Volume:	1 L	2.5 L	5 L	10 L	20 L
Plastic	208.04.01000.02	208.04.02500.02	208.04.05000.02	208.04.10000.02	208.04.20000.02
Glass	208.04.01000.01	208.04.02500.01	–	–	–