

PRODUCT:

Phosphoric acid manufactured from thermal acid

Formula

 H_3PO_4 (orthophosphoric acid)

Appearance

Clear, slightly viscous liquid

Formula Wt

98.00

CAS Number

7664-38-2

UN Number

1805

Hazchem

2R

Packaging Group

III

Specification:

Strength	85%
Colour	20 max
H3PO4 (% m/m)	85.0-85.8
Iron (max as Fe)	30mg/kg
Arsenic (max as As)	3mg/kg
Fluoride (max as F)	10mg/kg
Cadmium (max as Cd)	3mg/kg
Lead (max as Pb)	3mg/kg
Chloride (max as Cl)	20mg/kg
Density @ 20 C	1.685-1.699gm/ml
P205	61.7% m/m
Freezing Point	23° C
Readily Oxidisable Substances	120mg/kg (max)

Typical PropertiesRef:PhosAcid85FG_pds.doc
Date:November 08