

Technical Data sheet**orto-PHOSPHORIC ACID 85% w/w**

Product Code :012720 orto-PHOSPHORIC ACID 85% w/w**Formula** :H₃PO₄**Retest period** : 60 months**Standard Grade** : RA**Rev.:** 06/02/2006**According to monographs** :ACS 10 ED.

General Information :

Density	1,700 g/cm ³
Mol weight	98,00 g/mol
CAS Nr	7664-38-2
C.E.E. Nr	015-011-00-6
EINECS Nr	231-633-2
HS code	28092000

Transport :

ADR/RID Class	8/III,C1
UN Nr	1805
Danger	80
Transport Labels	8
IMDG Code	8/III
IATA Code	8
IATA Group	III
CAO Code	856
PAX Code	852

Specifications :

Color (Pt-Co)	Max. 10,0 APHA	Assay (Acidim.)	Min. 85,0 %
Water-insoluble matter	Max. 0,001 %	Volatile acids (acetic ac	Max. 0,001 %
Chloride (Cl)	Max. 0,0003 %	Nitrate (NO ₃)	Max. 0,0005 %
Sulphate (SO ₄)	Max. 0,003 %	Antimony	Max. 0,002 %
Arsenic (As)	Max. 0,0001 %	Iron (Fe)	Max. 0,003 %
Heavy metals (as Pb)	Max. 0,001 %	Manganese (Mn)	Max. 0,00005 %
Potassium (K)	Max. 0,005 %	Sodium (Na)	Max. 0,025 %
Reducing substances	Passes test	Calcium (Ca)	Max. 0,002 %
Magnesium (Mg)	Max. 0,002 %		

Labels : H-290:May be corrosive to metals. H-314:Causes severe skin burns and eye damage. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing.

