

**Technical Data sheet**

**orto-PHOSPHORIC ACID 85% w/w gmp**

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**Product Code :**306802 orto-PHOSPHORIC ACID 85% w/w gmp

**Formula :**H<sub>3</sub>PO<sub>4</sub>

**Retest period :** 24 months

**Standard Grade :** PE

**Rev.:** 09/07/2018

**According to monographs :**PH.EUR. 9ED.,NF 36

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**General Information :**

Density	1,700 g/cm3
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

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**Specifications :**

Identification A	Passes test (PhEur)	Identification B	Passes test (PhEur)
Riqueza (acidim.)	85,0 - 88,0 % p/p	Appearance of solution	Passes test (PhEur)
Heavy metals (as Pb)	Max. 10,0 ppm	Nitrate (NO3)	Passes test (NF)
Chloride (Cl)	Max. 50,0 ppm	Sulphate (SO4)	Max. 100,0 ppm
Sulphate (SO4)	Passes test (NF)	Arsenic (As)	Max. 2,0 ppm
Iron (Fe)	Max. 50,0 ppm	Subst.precip.with amonia	Passes test (PhEur)
Alkali phosphates	Passes test (NF)	Posphorous, hypophosph.ac	Passes test (PhEur)

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**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.

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