

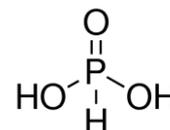


# Product Specification

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## PHOSPHORUS ACID (CRYSTALS)

PRODUCT CODE	190725
SYNONYMS	--
C.I. NO.	--
CASR NO.	(13598-36-2)
ATOMIC OR MOLECULAR FORMULA	H <sub>3</sub> PO <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	82.00
PROPERTIES	--



PARAMETER	LIMIT
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Description	Colourless or white hygroscopic crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (acidimetric)	98.0%

### MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.005%
Sulphate (SO <sub>4</sub> )	0.03%
Calcium (Ca)	0.03%
Iron (Fe)	0.005%
Lead (Pb)	0.002%

**Note(s) :** Assay (if applicable) method mentioned.

#### WARNING

**HAZARD DANGER** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

#### PRECAUTIONARY STATEMENTS

**Prevention:** Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash . thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response: IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position. comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use

IMDG Code : 8/III  
UN No. : 2834  
IATA : 8

**Disposal :** The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 30-Sep.-2019