



Product Specification

POLYPHOSPHORIC ACID FOR SYNTHESIS

PRODUCT CODE	029578
SYNONYMS	Phospholeum, Tetraphosphoric acid
C.I. NO.	N/A
CASR NO.	8017-16-1
ATOMIC OR MOLECULAR FORMULA	$H_{n+2}P_nO_{3n+1}$
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--



PARAMETER	LIMIT
Description	Colourless, viscous liquid & clear transparent & odourless.
Solubility	Soluble in ethanol & water. (5% in water is clear & colourless soln. with evolution of heat).
Assay (as P_2O_5 Titrimetry)	About 85%
Wt. per ml at 20°C	About 2 g

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

DANGER

HAZARD STATEMENTS : Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to life in the soil.

PRECAUTIONARY STATEMENTS :

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.
Response : Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS.

Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :--



Corrosive to metals



Hazardous to the aquatic environment

IMDG Code : 8/III
UN No. : 1805
IATA : 8