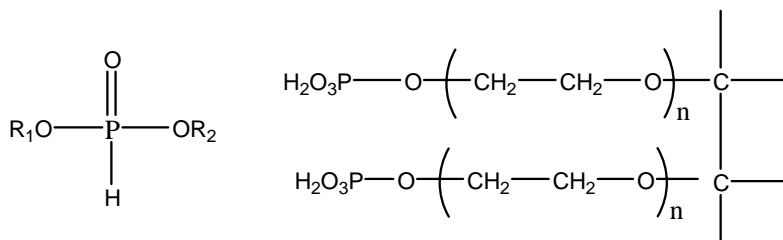


Polyhydric alcohol phosphate ester (PAPE)

Structural Formula:



Properties:

PAPE is a new kind of water treatment chemicals. It has good scale and corrosion inhibition ability. Because more than one polyethylene glycol group is introduced into the molecular, the scale and corrosion inhibition for calcium scale is improved. It has good inhibition effect for barium and strontium scales. PAPE has good scale inhibition effect for calcium carbonate and calcium sulfate, it can mix well with polycarboxylic acid, organophosphonic acid, phosphate and zinc salt.

PAPE can be used as scale inhibitor for oilfield (recommended as alternatives of Nalco Visco 953) and industrial cool water system.

Specification:

items	index
Appearance	Colorless or light yellow transparent liquid
Solid content %	50.0min
Total phosphoric acid (PO_4^{3-}) %	30.0min
Organophosphonic acid (PO_4^{3-}), %	15.0min
pH (1% water solution)	2.0-3.0

Usage:

when used as scale inhibitor, less than 15mg/L is preferred, when used in closed circulating system, 150mg/L can be expected.

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten months in room shady and dry place.

Safety Protection:

Acidity, Avoid contact with eye and skin, once contacted, flush with water.