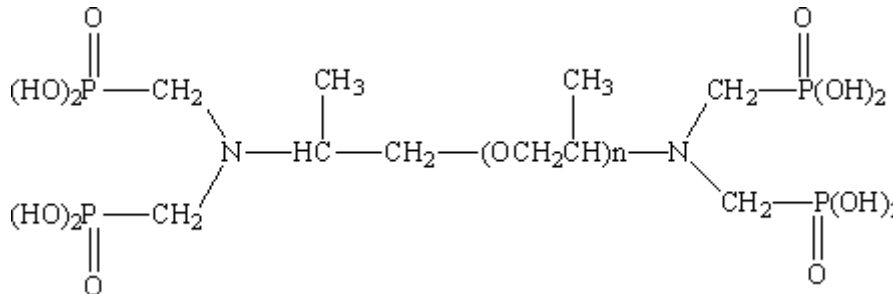


# Polyamino Polyether Methylene Phosphonic Acid (PAPEMP)

CAS No. 130668-24-5

Molecular weight: about 600

Structural Formula:



## Properties:

**PAPEMP** is a new kind of water treatment agent. **PAPEMP** has high chelation and dispersion effects, high value of calcium tolerance, and good scale inhibition effects.

**PAPEMP** can be used as scale and corrosion inhibitor in circulating cool water system and oilfield refill water system in situations of high hardness, high alkali and high pH value.

**PAPEMP** has excellent scale inhibition ability to calcium carbonate, calcium sulfate and calcium phosphate. **PAPEMP** can efficiently inhibit the formation of silica scale, stabilize metal ions such as Zn, Mn and Fe.

**PAPEMP** can be used as scale inhibitor for reverse osmosis system and multistep flash vaporization system in which high salt concentration, high turbidity and high temperature are usually encountered (such as high temperature and high turbidity in coal vaporization system), accessory agent for woven & dyeing (for example, yellow turnback inhibition agent), as alternatives of EDTA, DTPA and NTA .

## Specification:

Items	Index
Appearance	Amber transparent liquid
Active component, %	40.0 min
Phosphoric acid (as PO <sub>4</sub> <sup>3-</sup> ), %	1.0 max
Density (20°C), g/cm <sup>3</sup>	1.15-1.25
pH (1% water solution)	2.0 max

## 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.

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### Contact Us

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