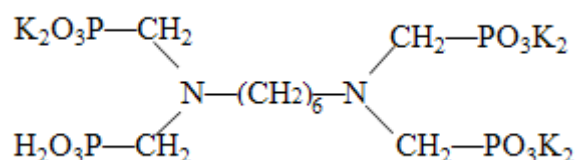


## Potassium Salt of HexaMethyleneDiamineTetra (MethylenePhosphonic Acid) HMDTMPA•K6

CAS No. 38820-59-6(X-6) 53473-28-2(6-K)

Molecular Formula:  $C_{10}H_{22}N_2O_{12}P_4K_6$       Molecular weight: 721

Structural Formula:



### Properties:

**HMDTMPA•K6** is soluble in water, it is a good scale inhibitor for calcium sulfate, suitable for use in situation of high pH value and high alkaline. **HMDTMPA•K6** can be used for water treatment in boiler and RO membrane treatment.

### Specification:

Items	Index
Appearance	Colorless to yellowish transparent liquid
Active content (as acid), %	21.2-24.6
Active content (as salt), %	31.0-36.0
Total phosphoric acid (as $PO_4^{3-}$ ), %	16.8 min
Chloride (as Cl <sup>-</sup> ), %	4.0 max
Fe, mg/L	35 max
Density (20°C), g/cm <sup>3</sup>	1.21-1.31
pH (1% water solution)	6.0-8.0

## Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. storage for ten month in shady room and dry place.

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