Item Name:

HDTMPA-K6

PRODUCT INFORMATION

Chinese Name:	己二胺四甲叉膦酸钾盐
Commodity Name:	HDTMPA-K6
Chemical Name:	Potassium Salt of Hexa Methylene Diamine Tetra (Methylene Phosphonic Acid)
Other Name:	HDTMPA Hexapotassium Salt
CAS No.:	53473-28-2
Molecular Weight:	721
Molecular Formula:	$C_{10}H_{22}N_2O_{12}P_4K_6$

PRODUCT DESCRIPTION

It 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.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless to yellowish transparent liquid
Active component (as acid) by wt %	21.2 - 24.6
Active component (as salt) by wt %	31.0 - 36.0
Chloride (Cl^-) %	4.0 max
Total phosphoric acid (as PO_4^{3-})%	16.8 min
Density (20°C) g/cm^3	1.21 - 1.31
Fe by mg/L	35.0 max
pH(1% water solution)	6 - 8

MAIN APPLICATION

It can be used for water treatment in boiler and RO membrane treatment.

PACKING AND SHELF LIFE

Packing: Liquid: 200L plastic drum, IBC(1000L), customers' requirement.
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

PRODUCT IMAGE

** The image shown here is indicative only. The actual product may differ.*

PACKING, STORAGE AND LOADING

** IBC (1000L)*

** Loading Pic*

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