

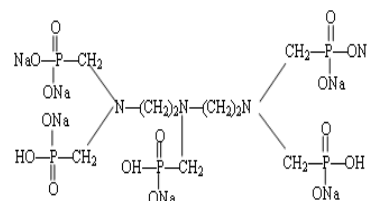
PRODUCT INFORMATION



SolQuest® 2066 Diethylenetriaminepenta(methylene phosphonic acid) Heptasodium salt DTPMP·Na7

CAS NO.: 22042-96-2(x-Na) **Structural Formula:**
68155-78-2(7-Na)

Molecular Formula: C₉H₂₈O₁₅N₃P₅



Physico-Chemical Properties:

Appearance	Umber transparent liquid
Active content (DTPMPA)% >	24.0-26.0
Active content (DTPMP·Na7)%	30.5-33.0
Total phosphoric acid(PO ₄ ³⁻)%	19.7-21.7
Chloride (as Cl ⁻)%	5.0 max
PH(1% water solution)	7.0-9.0
Density (20°C) g/cm ³	1.24-1.34
Fe, mg/L	20.0 max

General Information

DTPMP·Na7 is a scale inhibitor, for barium sulphate in particular and a chelating agent. DTPMP·Na7 can be used as stabilizer for peroxide bleaching, detergent auxiliaries, in industrial & municipal cleaning water, terrestrial heat water, oilfield water, etc.

DTPMP·Na7 can be used as scale and corrosion inhibitor in circulating cool water system and boiler water, and especially in alkali circulating cool water system without additional pH regulation, It can also be used in oilfield refill water, cool water and boiler water with high concentration of barium carbonate. When used alone, little scale sediment is found even none of dispersant is used. DTPMP·Na7 can also be used as peroxide stabilizer, chelating agent in woven & dyeing industry, pigment dispersant, microelement's carrying agent in fertilizer and concrete modifier. In addition, DTPMP·Na7 is used in papermaking, electroplating, acid cleaning and cosmetics.

Safety Protection

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



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