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English Version

SEQUESTON

DETPMPS

GENERAL

Chemical Name	Diethylene Triamine Penta (Methylene Phosphonic Acid) – Sodium salt
Chemical Structure	$N(CH_2PO_3H_2)[CH_2CH_2N(CH_2PO_3H_2)]_2Na_4$
Abbreviation	DETPMPS
CAS No.	22042-96-2
Molecular Weight	658.0
Appearance	Yellow brown viscous transparent liquid

SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Active Content (as salt) , %	45.0 min
Active Content (as acid) , %	40.0 min
pH , 1% solution at 25 °C	3 max
Density, g/cm ³ at 20 °C	1.35 – 1.45
Iron, ppm	35 max
Chloride, %	4.0 – 6.0
Phosphorous acid, (as H ₃ PO ₃), %	3.0 max
Calcium sequestration, mg CaCO ₃ /g	450 min.

PACKING

250kg per UN approved PE drum

APPLICATIONS

Scale inhibitors; oil field; cooling water and boiler treatment; industrial cleaners; textiles

TRANSPORT INFORMATION

Not regulated for transport

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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