



HC-405 Diethylene triamine pentamethylene phosphonic acid (DTPMP)

DTPMP is an organophosphorous compound exhibiting excellent sequestration of metal ions at stoichiometric concentrations. The ability of DTPMP to deflocculate or disperse solid particles combined with its hydrolytic stability makes it a versatile ingredient for applications requiring efficient metal ion control.

1. Threshold scale inhibition
2. Crystal growth modification.
3. Chelation
4. Hydrolytic stability
5. Acidity

Applications:

Cooling/boiler water treatment
Secondary oil recovery and desalination
Detergent formulations
Metal plating and finishing
Pulp & paper processing

Properties:

CAS Number	15827-60-8
Appearance	Clear amber ropy liquid
Typical active content:	≥50.0%
Specific gravity at (20°C)	1.25-1.45
pH , 1% solution at 25°C	≤2.0
Iron, ppm	/
Chloride, %	/
Chelate value(as CaCO ₃),mg/g	≥450

Packing:

250kg per PE drum

常州源泉红光化工有限公司

Changzhou Yuanquan Hongguang Chemical Co.,Ltd

Head Office: hengshanqiao, changzhou,

213119, jiangsu, CHINA.

TEL:+86 519 8601388

Fax:+86 519 8603588

Email: hongg12@pub.cz.jsinfo.net

Website: <http://www.hgchem.com>