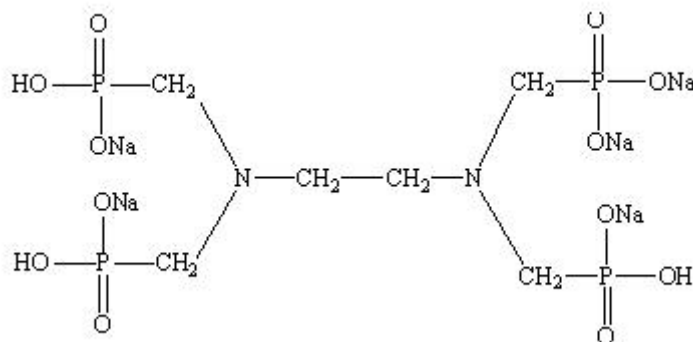


## PRODUCT DATA SHEET

### EDTMPS.NA5

Synonyms	(Ethylene-dinitrilo) -tetramethylene phpsphonic acid Na salts
CAS Number	7651-99-2
Einecs Number	231-615-4
UN No.	
Molecular Formula	C <sub>6</sub> H <sub>15</sub> O <sub>12</sub> N <sub>2</sub> P <sub>4</sub> Na <sub>5</sub>
Molecular weight	546.13
Structural Formula	



Product Grade	Industrial
Description & Application	phosphonic acid salt diversity, the cathode type corrosion inhibitor. Can mix with water soluble, non-toxic pollution-free, chemical stability and good temperature resistance, under 200 °C still has good scale inhibition effect. In aqueous solution can be dissociated into 8 positive and negative ions, thus it can be with multiple chelate metal ions, formation of macromolecular network structure complex, multiple monomers loosely dispersed in water, make the normal crystallization of calcium scale. EDTMP sodium salt of calcium sulphate, barium sulfate scale of scale inhibition effect is good.
Safety Protection Specification	<p>Active salt content, %: 30-35</p> <p>Active acid content, %: 24-26</p> <p>Chloride (as Cl<sup>-</sup>): ≤5</p> <p>Iron, μg/g, ppm ≤20</p> <p>pH (1% solution) : 6.0-8.0</p> <p>Density(20°C) g/cm<sup>3</sup> : 1.20 – 1.30</p> <p>Appearance: Clear colorless to pale yellow liquid</p>
Package	250L Drum, 1000L IBC or Bulk. Stored in cool and dry place.
Shelf Life	1 year.