

TECHNICAL DATA SHEET

DTPA-5Na

Product Information

Property	Value
Product Name	DTPA-5Na
Chemical Formula	$C_{14}H_{18}N_3Na_5O_{10}$
Grade	Industrial / Technical, 40% / 50%
CAS Number	140-01-2
HS Code	292249
Appearance	Yellow to pale-yellow clear liquid
Content	≥ 40.0% or ≥ 50.0%

Typical Specifications

Parameter	Specification
Appearance	Yellow to pale-yellow clear liquid
Content (40% / 50% grade)	≥ 40.0% / ≥ 50.0%
Density (25°C)	1.25 - 1.35 / 1.30 - 1.40 g/cm ³
Chloride (Cl)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Chelating Value	≥ 80 / ≥ 99 mg CaCO ₃ /g
Lead (Pb)	≤ 0.0005%
pH (1% solution, 25°C)	11.0 - 12.5

Packaging & Storage

- Packaging: Typically packed in 250 kg plastic drums or 1,250 kg IBC totes.
- Storage: Store in a cool, dry area with the container tightly closed.
- Handling: Avoid direct contact; wear appropriate protective equipment and prevent dust, splash, or spill exposure.
- Documentation: Specifications, packaging, and shipment records are confirmed on a shipment-specific basis.

The information contained in this Technical Data Sheet is believed to be accurate and reliable. However, it is provided for guidance only and no warranty is expressed or implied. Users should conduct their own testing to determine the suitability of this product for their particular application.