

Tetraacetythylenediamine (TAED)

CAS No.	EINECS No.	UN No.	Molecular Formula / Product Type
10543-57-4	234-123-8	Not assigned in stated reference	C10H16N2O4; 228.25 g/mol

Product Description

TAED reacts with peroxide in alkaline wash systems to generate an activated bleaching species. The supplied granules cover a 90–94% active-content range and controlled particle-size, bulk-density, moisture and iron limits.

Specifications

Parameter	Specification
Appearance	White or colored granules
Active content, selected grade	90–94 %
Bulk density	420–650 g/L
Particles below 0.15 mm	≤3 %
Particles ≥1.60 mm	≤2 %
Moisture	≤2 %
Iron	≤0.002 %

Applications

- Laundry detergents: Assess TAED with the intended peroxide source under representative wash conditions.
- Industrial cleaning: Evaluate bleach activation and compatibility in professionally controlled cleaning formulations.
- Granule qualification: Compare active content, size distribution and blending behavior before scale-up.

Packaging and Storage

Packaging	25 kg plastic-lined woven bags.
Storage	Keep tightly closed in a cool, dry, ventilated place. Protect against moisture and contamination; keep away from incompatible materials. Protect against heat, direct light and incompatible materials.

Safety and Regulatory

Professional-use technical information. Review the corresponding reference SDS, workplace controls and destination-market requirements. Transport entries apply to the reference identity, form and concentration.

Company Contact

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The information is provided in good faith for professional evaluation. Specifications apply to the stated commercial grade; users must confirm suitability, regulatory compliance and safe handling for their intended application.