

Technical Data Sheet

Version: 2.0
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Date: 18 / 6 / 2026



Item Name:

TAED

PRODUCT INFORMATION

Chinese Name:	四乙酰乙二胺
Commodity Name:	TAED
Chemical Name:	Tetra Acetyl Ethylene Diamine
Other Name:	Bleaching Activator
CAS No.:	10543-57-4
Molecular Weight:	228.24
Molecular Formula:	$C_{10}H_{16}O_4N_2$
Available Color:	Blue/Green/Red/White

PRODUCT DESCRIPTION

TAED is a low temperature oxygen bleaching activator, slightly soluble in water.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Free flowing granular powder, no lumps
Odor	Mild odor of acetic
TAED content (HPLC) by wt %	90.0 - 94.0
Bulk density by g/L	420~650
Moisture (Karl Fischer) by wt %	2.0 max
Fe content by ppm	20 max
Particle size over 1.60mm by wt %	2.0 max
Particle size less than 0.15mm by wt %	3.0 max

MAIN APPLICATION

Widely used in: Detergent industry; textile and dyeing industry.

Function in detergent industry: Bleaching agent is an important ingredient in detergent system with its properties of whitening, brightening, cleaning and sterilizing effect. In various detergent products, there are mainly 2 types of bleaching agent: Oxygen series, Chloride series. Comparing chloride series bleach agent, oxygen series' advantages are: Non toxic, No chloride odor, Suitable to all the fiber and colorful fiber, Better compatibility with various surfactants and enzymes.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg paper bag on pallets

Loading: 13mt/20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

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PRODUCT IMAGE



White or colorful free flowing granular Pic

* The image shown here is indicative only. The actual product may differ.

PACKING, STORAGE AND LOADING



* 25kg paper bag on pallets Pic



* Loading Pic

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