

TAED

Product name	Tetra Acetyl Ethylene Diamine (TAED)	
Introduction	<p>Oxygen-releasing materials have an important limitation; their activity is extremely temperature-dependent. Temperatures in excess of 60 DEG C are normally required to achieve any bleach effectiveness in an aqueous wash system. Especially for cleaning fabrics, high-temperature operation is both economically and practically disadvantageous. Thus, bleaching activators have been applied in an object to activate bleaching reaction at low temperatures. These activators, also known as bleach precursors, often appear in the form of carboxylic acid esters or amides. In an aqueous liquor, anions of hydrogen peroxide react with the ester or amide to generate a corresponding peroxycarboxylic acid which oxidizes the stained substrate. Commercial application of this technology is found in certain fabric bleaching detergent powders that mainly incorporating tetra acetyl ethylene diamine (TAED). TAED used for detergent industry is in granular form, free-flowing, and has several colors (mainly white, green, blue) to choose depending on users' choice.</p>	
Product chemical information	Molecular Formula:	C ₁₀ H ₁₆ O ₄ N ₂
	Molecular Weight:	228
	Chemical Name:	Tetra Acetyl Ethylene Diamine (TAED)
	CAS No:	10543-57-4
Specifications	Appearance	Green. Blue, or white free flowing agglomerate. Free from foreign material & lumps.
	Odour	Mild free of acetic note.
	TAED content (HPLC), wt %	92.0±2.0
	Distribution of size- (50g, 3min) ,%	
	≥1.60 mm	≤2.0
	<0.150 mm	≤3.0
	Bulk density, g/L	420~650
	Moisture (Karl Fischer) ,wt %	≤2.0
Fe content, mg/kg	≤20	
Handling and Storage recommendations	The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.	
	Shelf life: 24 Month.	
Package:	25KG, 650KG BAG.	

