



American International Chemical, Inc.

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SPECIFICATION SHEET

TETRASODIUM EDTA POWDER (DABEERSEN Na₄C₂)

Code No.	SCN No.	CAS No.	Effective Date	Product Manger	Written By	Rev. No.	Approved By
TEEAVN	1792	10378-23-1	August 10, 2006	MPR	MPR	No. 5	RVK

CHARACTERISTICS:	Odorless, white powder
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	Assay (as % of EDTA)	68.0-73.0% max
	Assay (as tetrasodium EDTA Dihydrate %)	99% min
	Chelating power per gram	238 mg CaCO ₃ /g min
	Solubility (20°C, 1g/100 ml)	Completely soluble
	pH (1% solution)	10.7-11.7
Free Alkali (as NaOH)	0.5% max	

PACKAGING:	Multiwall 25 kg paper bag, 30 bags per pallet, stretch-wrapped
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APPLICATIONS:	<p>Detergents: To reduce the hardness of the water and to eliminate traces of harmful metal ions (i.e., iron) which act as catalysts for bleaching agents. The presence of EDTA will inhibit this. Additionally, EDTA is used in detergent formulations to inhibit the precipitation of calcium and magnesium salts, which may be deposited on glassware resulting in a dull or spotty appearance.</p> <p>Water Treatment: To control water hardness and to eliminate or inhibit scaling.</p> <p>Textile Processing: To stabilize dye baths by removing metal ions, which may be harmful to bleaching and dyeing operations.</p>
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OTHER:	ISO 9001 Certified
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