

Itaconix® DSP 2K™

Excellent phosphate replacement for water conditioning, 100% bio-based

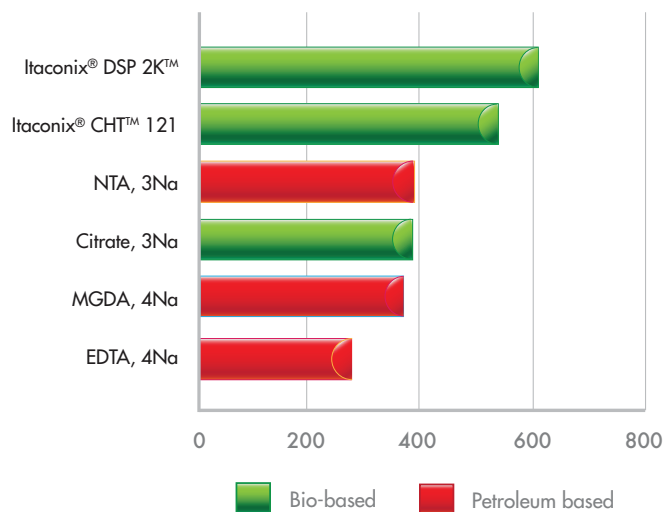
Itaconix® DSP 2K™ is a low molecular weight linear polyitaconic acid partially neutralized with sodium salt. It demonstrates excellent binding capacity with metal ions, particularly polycationic ions, and especially with calcium. Made from sustainable bio-based feedstock, it is readily biodegradable and has very low toxicity for a preferable environmental profile.



Applications	Advantages	Physical & Chemical Properties
<ul style="list-style-type: none"> Homecare for fabric detergents and surface cleaning Institutional and industrial detergents Oilfield water conditioning Agricultural water conditioning Other aqueous applications above pH 7 	<ul style="list-style-type: none"> Excellent metal ion binding capacity Improved stain removal, anti-encrustation and anti-redeposition in fabric detergents 100% bio-based First polymer accepted on the US Clean Gredients List NPA - certified for natural products Readily biodegradable 	INCI: sodium polyitaconate
		CAS#: 26099-89-8
		pH at 10% solid: 5.2
		Odor: none
		Average molecular weight (Mn): 2800 g/mole
		% Active: 83
		Appearance: off-white granulate
Specific gravity: 1.3 g/cm ³		

Superior water conditioning

- Very high binding capacity with calcium
- Excellent thermal stability
- Less hygroscopic than alternatives for easy handling and excellent product stability



Samples available on request

Please e-mail request to: samples@itaconix.com

To request information on ordering quantities and pricing

Please call: +1 (603) 775-4400 or e-mail: sales@itaconix.com

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