

Itaconix® DSP 2K®

Plant-based cleaning power

Itaconix® DSP 2K® is a low molecular weight linear polyitaconic acid partially neutralized with sodium salt. It has excellent binding capacity with multivalent cationic metal ions, and especially with calcium. It is 100% plant-based, biodegradable and listed on Safer Choice ingredient list making it a great choice for green detergent formulations.

Applications:	Advantages:	Physical & Chemical Properties	
<ul style="list-style-type: none"> • Homecare for fabric detergents and surface cleaners • Institutional and industrial detergents • Oilfield water conditioning • Agricultural water conditioning • Other aqueous applications above pH 7 	<ul style="list-style-type: none"> • Excellent water conditioning in alkaline detergents and cleaners • Improved stain removal, anti-encrustation and anti-redeposition in fabric detergents • Multi-functional chelation, dispersion, scale inhibition and anti-redeposition • Approved for Safer Choice • Biodegradable • 100% plant-based 	CAS#	26099-89-8
		pH	5.2
		Odor	none
		Average molecular weight (Mn)	2800 g/mole
		% Active	85
		Chemical class	Sodium polyitaconate
		Appearance	Off-white granulate
		Bulk density	750 g/L

Superior water conditioning

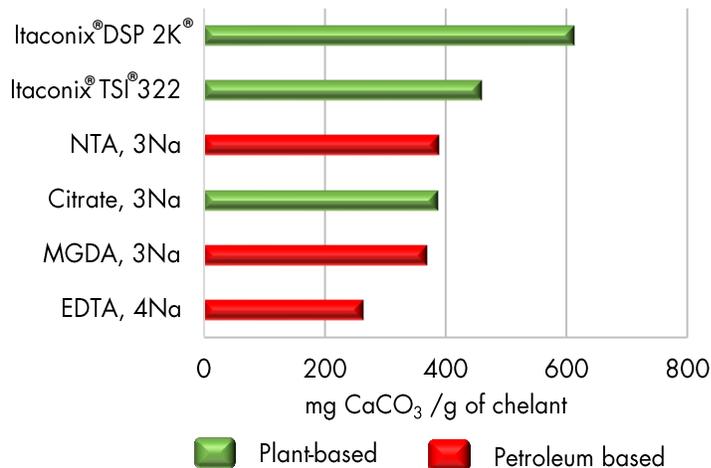
- Very high binding capacity
- Excellent thermal ability
- Less hygroscopic than alternatives for easy handling and excellent product stability

Samples upon request

Please email request to: samples@itaconix.com

To request information on ordering quantities and pricing

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



2 Marin Way, Stratham, New Hampshire 03885, USA. • +1 (603) 775-4400.

www.itaconix.com

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for the direct, special, or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.